

STEVENS WALDEN
CATALOG OF
**Automotive
Tools**

CATALOG 117 RE-ISSUE

August 1932

STEVENS WALDEN
INCORPORATED

Worcester, Mass., U. S. A.

Cable Address—STEVENSATIC



PRINTED IN U. S. A.

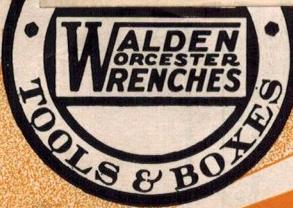
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PRICE LIST AND INDEX

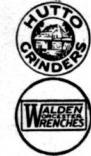
Effective February 1932. Prices subject to change without notice.

Stock No.	Dealer Net Price	List Price	Units in a Carton	Page	Stock No.	Dealer Net Price	List Price	Units in a Carton	Page	Stock No.	Dealer Net Price	List Price	Units in a Carton	Page
VG2	.65	.88	5	14	485	1.00	2.00	5	20	1171	1.10	1.48	5	6
VG3	.45	.60	5	14	486	1.15	2.30	5	20	1210	.42	.56	5	6C
L3	2.00	2.68	10	14	487	3.30	6.60	1	20	1211	.42	.56	5	6C
4	2.50	3.34	1	13	494	.35	.48	5	7	1212	.42	.56	5	6C
5	2.60	3.48	1	13	496	.35	.48	5	7	1213	.42	.56	5	6C
P10	.20	.28	5	12	497	.35	.48	5	7	1214	.42	.56	5	6C
P12	.20	.28	5	12	498	.35	.48	5	7	1215	.42	.56	5	6C
P14	.20	.28	5	12	499	.35	.48	5	7	1217	.42	.56	5	6C
16D	7.75	10.36	1	5	500	13.75	18.36	1	9	1218	.48	.64	5	6C
P16	.20	.28	5	12	510	27.00	36.00	1	9	1219	.48	.64	5	6C
16R	7.75	10.36	1	5	514	1.00	1.36	5	7	1220	.48	.64	5	6C
16T	8.70	11.75	1	5	515	1.00	1.36	5	7	1221	.60	.80	5	6C
P18	.20	.28	5	12	528	1.10	1.48	1	9	1222	.60	.80	5	6C
P20	.20	.28	5	12	530	1.10	1.48	1	9	1223	.66	.88	5	6C
21	6.85	9.16	1	12	531	1.10	1.48	1	9	1224	.72	.96	5	6C
P22	.25	.36	5	12	532	1.10	1.48	1	9	1225	.72	.96	5	6C
P24	.25	.36	5	12	534	1.10	1.48	1	9	1226	.72	.96	5	6C
25D	9.70	12.96	1	4	536	1.20	1.60	1	9	1227	.72	.96	5	6C
25DMM	10.19	13.60	1	5	540	1.25	1.68	1	9	1228	.72	.96	5	6C
25MM	9.16	12.24	1	5	544	1.40	1.88	1	9	1229	.72	.96	5	6C
25R	9.70	12.96	1	4	546	1.50	2.00	1	9	1232	.72	.96	5	6C
25T	10.45	14.20	1	4	548	1.90	2.56	1	9	1420	.75	1.00	5	12
26D	18.60	24.80	1	4	552	1.90	2.56	1	9	1422	.75	1.00	5	12
26R	18.60	24.80	1	4	556	2.10	2.80	1	9	1424	.75	1.00	5	12
26T	19.40	26.20	1	4	558	2.40	3.20	1	9	1426	.75	1.00	5	12
27A	22.93	30.56	1	4	560	3.10	4.16	1	9	1428	.75	1.00	5	12
27B	22.95	30.60	1	4	564	3.10	4.16	1	9	1444	2.25	3.00	5	11
27D	22.95	34.80	1	4	570	4.60	6.16	1	9	1445	3.75	5.00	5	11
27R	25.95	34.60	1	4	578	5.60	7.46	1	9	1453	2.25	3.00	5	11
28D	13.60	18.16	1	4	640	2.25	3.00	5	15	1454	3.00	4.00	5	11
28MM	15.63	20.84	1	5	652	.55	.70	5	15	1620	.60	.80	5	13
28R	13.60	18.16	1	5	752	.50	.68	5	13	1625	.75	1.00	5	13
28T	14.40	19.45	1	4	762	.80	1.08	5	13	1701	7.35	9.80	5	13
29	57.10	77.10	1	5A	771	.50	.68	5	15	1705	.50	.68	5	12
33	2.85	3.80	1	5	773	1.00	1.36	5	15	1709	4.50	9.00	1	18
39	27.75	37.00	1	16	774	.75	1.00	5	15	1711	5.50	11.60	1	18
41	97.25	129.68	1	20D	775	.75	1.00	5	15	1712	11.25	22.50	1	18
45	17.50	23.36	1	20D	783	1.00	1.36	5	15	1720	.35	.48	5	12
T51	3.50	4.68	1	10	783-R	1.00	1.36	5	15	1722	.35	.48	5	12
59	2.55	3.40	1	13	808	3.30	4.40	4	6	1723	.45	.60	5	18
60	2.65	3.53	1	13	814	.35	.48	5	6	1724	.35	.48	5	12
61	2.65	3.53	1	13	816	.35	.48	5	6	1725	.55	1.10	5	18
62	2.45	3.27	1	13	818	.35	.48	5	6	1725-A	.55	1.10	5	18
68	3.00	4.00	1	10	819	.40	.56	5	6	1725-B	.55	1.10	5	18
T73	2.50	3.36	1	10	820	.40	.56	5	6	1726	.35	.48	5	12
81	9.0	13.20	1	16	821	.40	.56	5	6	1727	.70	1.40	5	18
84	33.50	44.83	1	15	822	.40	.56	5	6	1728	.35	.48	5	12
86	6.00	9.00	1	15	824	.45	.60	5	6	1729	.75	1.50	5	18
87	29.50	39.33	1	16	825	.45	.60	5	6	1731-A	1.15	2.30	5	18
89	9.30	12.00	1	15	826	.50	.68	5	6	1735	1.65	3.30	5	18
97	85.60	115.50	1	5A	830	.55	.76	5	6	1756	.55	.76	5	12
110	.35	.48	5	6	831	.60	.80	6	6	1800	6.25	8.33	1	6A
112	.35	.48	5	6	832	.60	.80	6	6	1803	9.65	12.87	1	6A
114	.35	.48	5	6	834	.60	.80	6	6	1814	.45	.60	5	6A
116	.40	.56	5	6	836	.60	.80	6	6	1816	.45	.60	5	6A
118	.45	.60	5	6	840	.60	.80	6	6	1818	.45	.60	5	6A
120	.50	.68	5	6	852	.65	.88	5	13	1820	.50	.68	5	6A
122	.60	.80	5	6	901	121.35	161.80	1	5	1824	1.25	1.68	5	6A
124	.65	.88	5	6	902	69.45	86.80	1	5	1825	.55	.76	5	6A
128	.70	.96	5	6	903	30.75	41.00	1	5	1826	.55	.76	5	6A
132	.90	1.20	5	6	904	124.55	168.00	1	6	1828	.55	.76	5	6A
136	1.10	1.48	5	6	916	2.50	3.36	5	6	1830	.65	.88	5	6A
140	1.25	1.68	5	6	OR916	2.10	2.80	5	17	1832	.65	.88	5	6A
214	.35	.48	5	..	951A	114.25	228.50	1	17	1850	1.60	2.15	5	15
218	.35	.48	5	..	971	4.80	9.60	1	19	R1881	.75	1.00	5	15
219	.40	.56	5	..	972	6.60	13.20	1	19	1900	2.80	5.60	1	19
220	.40	.56	5	..	975	.70	1.40	5	19	1914	.35	.70	5	19
224	.45	.60	5	..	976	.70	1.40	5	19	1915	.35	.70	5	19
225	.45	.60	5	..	977	.75	1.50	5	19	1916	.35	.70	5	19
226	.50	.68	5	..	978	.75	1.50	5	19	1920	.40	.80	5	19
228	.50	.68	5	..	980	.80	1.60	5	19	1924	.50	1.00	5	19
230	.55	.76	5	..	981	.80	1.80	5	19	1928	.50	1.00	5	19
231	.60	.80	5	..	982	.90	1.80	5	19	1936	1.25	1.68	1	11
232	.60	.80	5	..	1016	1.50	2.00	5	13	2014-P	2.25	3.00	5	20A
234	.60	.80	5	..	1018	1.50	2.00	5	13	2014-S	2.25	3.00	5	20B
236	.60	.80	5	..	1020	1.60	2.16	5	13	2016	1.35	1.80	5	6
240	.60	.80	5	..	1022	1.60	2.16	5	13	2016-S	2.25	3.00	5	20B
308	.55	.76	10	12	1024	2.00	2.68	5	13	2018	1.35	1.80	5	6
O310	.15	.20	5	12	1025	.55	1.10	5	18	2018-P	2.25	3.00	5	20A
O312	.15	.20	5	12	1027-A	.70	1.40	5	18	2020	1.35	1.80	5	6
O314	.15	.20	5	12	1028	2.50	3.36	5	18	2020-P	2.25	3.00	5	20A
O316	.20	.28	5	12	1029	.75	1.50	5	18	2020-S	2.25	3.00	5	6
O318	.20	.28	5	12	1029-A	.75	1.50	5	18	2022	1.85	2.48	5	6
O320	.20	.28	5	12	1102	1.65	2.30	5	6	2022-T	2.65	3.56	5	20C
O322	.20	.28	5	12	1103	1.25	1.68	1	9	2024	1.85	2.48	6	6
324	.25	.36	5	12	1108	.55	.76	5	6	2028	2.50	3.36	5	6
O326	.25	.36	5	12	1109	.30	.40	5	6	2028-T	3.00	4.00	5	20C
330	.30	.40	5	12	1111	.65	.88	5	6	2029-A	1.00	2.00	5	19
334	.30	.40	5	12	1112	1.75	2.36	1	9	2100	9.05	18.10	1	20
336	.30	.40	5	12	1113	1.10	1.48	5	6	2101	35.30	70.60	1	20
340	.40	.56	5	12	1115	.60	.80	1	9	2102	14.90	29.80	1	20
344	1.25	1.67	10	6B	1116	.60	.80	1	9	2112	1.05	2.10	5	20
345	1.25	1.67	10	12	1117	1.34	1.80	5	6	2114	1.05	2.10	5	20
369	1.60	2.15	10	6B	1118	.75	1.00	5	12	20B	1.15	2.30	5	20
377	1.80	2.40	5	16	1119									

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Stock No.	Dealer Net Price	List Price	Units in a Carton	Page	Stock No.	Dealer Net Price	List Price	Units in a Carton	Page	Stock No.	Dealer Net Price	List Price	Units in a Carton	Page
2716	.45	.60	5	13	4238	1.50	2.00	1	14	6220	.90	1.20	5	13
2718	.45	.60	5	13	4240	1.50	2.00	1	14	6222	.90	1.20	5	13
2719	.45	.60	5	13	4242	1.50	2.15	1	14	6224	.90	1.20	5	13
2720	.45	.60	5	13	4244	1.50	2.40	1	14	6224	.60	.80	5	13
2722	.45	.60	5	13	4246	1.50	2.00	1	14	6222	1.15	1.50	5	20C
2724	.45	.60	5	13	4248	2.40	3.20	1	14	6224	1.20	1.60	5	20C
2725	.45	.60	5	13	4250	3.00	4.00	1	14	6228	2.50	3.38	5	20C
2725-C	.55	1.10	5	19	4252	3.15	4.20	1	14	6730	2.50	3.36	5	20C
2726	.45	.60	5	13	4254	3.50	4.68	1	14	6732	2.50	3.36	5	20C
2727	.70	1.40	5	19	4256	4.00	5.36	1	14	6736	2.50	3.36	5	20C
2728	.45	.60	5	13	4258	5.10	6.80	1	14	6822	2.65	3.56	5	20C
2731-A	1.10	2.20	5	19	4260	6.10	8.16	1	14	6824	2.65	3.56	5	20C
2733	.30	.40	5	14	4264	7.00	9.36	1	14	6828	3.00	4.00	5	20C
2933	.30	.40	5	14	4314	1.00	1.36	1	20D	7116	1.15	1.56	5	20B
2937	.30	.40	5	14	4316	1.10	1.48	1	20D	7118	1.15	1.56	5	20B
3014	.60	.80	5	...	4318	1.20	1.60	1	20D	7120	1.15	1.56	5	20A
3016	.60	.80	5	...	4319	1.30	1.76	1	20D	7201	1.00	1.36	5	20A
3018	.75	1.00	5	...	4320	1.40	1.88	1	20D	7202	.60	.80	5	20C
3020	.75	1.00	5	...	4322	1.50	2.00	1	20D	7203	.60	.80	5	20C
3022	.75	1.00	5	...	4324	1.60	2.16	1	20D	7206	1.00	1.36	5	20A
3024	.90	1.20	5	...	4325	1.70	2.28	1	20D	7322	1.15	1.56	5	20C
3028	.90	1.20	5	...	4326	1.80	2.40	1	20D	7324	1.20	1.60	5	20C
3124	.60	.80	5	11	4328	1.90	2.56	1	20D	7328	2.50	3.36	5	20C
3137	.30	.40	5	14	4330	2.00	2.68	1	20D	7330	2.50	3.36	5	20C
3157	.35	.48	6	6	4331	2.10	2.80	1	20D	7332	2.50	3.36	5	20C
3226-X	1.65	2.20	1	...	4332	2.20	2.96	1	20D	7336	2.50	3.36	5	20C
3326	.60	.80	5	6	4334	2.30	3.08	1	20D	7512	.40	.56	5	20A
3328	.60	.80	5	6	4336	2.40	3.20	1	20D	Q7512	.40	.56	5	20A
3330	.60	.80	5	6	4338	2.50	3.36	1	20D	7514	.40	.56	5	20A
3332	.75	1.00	5	6	4340	2.75	3.68	1	20D	Q7514	.40	.56	5	20A
3336	.75	1.00	5	6	4342	3.00	4.00	1	20D	7516	.40	.56	5	20A
3406	.25	.36	10	10	4344	3.25	4.36	1	20D	Q7516	.40	.56	5	20A
3408	.25	.36	10	10	4346	3.50	4.68	1	20D	7518	.40	.56	5	20A
3410	.25	.36	10	10	4348	4.10	5.48	1	20D	Q7518	.40	.56	5	20A
3411	.25	.36	10	10	4350	4.70	6.28	1	20D	7519	.40	.56	5	20A
3412	.25	.36	10	10	4352	4.90	6.56	1	20D	Q7519	.45	.60	5	20A
3414	.40	.56	10	10	4354	5.10	6.80	1	20D	7520	.40	.56	5	20A
3416	.40	.56	10	10	4356	5.60	7.48	1	20D	Q7520	.45	.60	5	20A
3418	.75	1.00	10	10	4358	6.60	8.80	1	20D	Q7710	.45	.60	5	20B
3420	.75	1.00	10	10	4360	7.70	10.28	1	20D	7712	.40	.56	5	20B
3500	31.60	63.20	1	6B	4364	8.40	11.20	1	20D	Q7712	.45	.60	5	20B
3501	.60	1.20	5	6B	4412	.40	.56	5	20A	7714	.40	.56	5	20B
3524	.85	1.70	5	6B	4414	.40	.56	5	20A	Q7714	.45	.60	5	20B
3528	1.25	2.50	5	6B	4416	.40	.56	5	20A	7716	.40	.56	5	20B
3532	1.25	2.50	5	6B	4418	.40	.56	5	20A	Q7716	.45	.60	5	20B
3533	1.25	2.50	5	6B	4419	.45	.60	5	20A	Q7718	.45	.60	5	20B
3536	1.25	2.50	5	6B	4420	.45	.60	5	20A	Q7718	.45	.60	5	20B
3538	1.50	3.00	5	6B	4448	2.20	2.96	1	9	7719	.40	.56	5	20B
3540	1.50	3.00	5	6B	4449	3.50	4.68	1	9	Q7719	.50	.68	5	20B
3542	1.50	3.00	5	6B	4450	5.80	7.76	1	9	7720	.40	.56	5	20B
3546	1.75	3.50	5	6B	4514	.75	1.00	5	20D	Q7720	.50	.68	5	20B
3552	1.75	3.50	5	6B	4516	.75	1.00	5	20D	7816	.40	.56	5	20C
3620	.55	.76	5	15	Q4516	.75	1.00	5	20D	7818	.40	.56	5	20C
3801	.45	.60	10	10	4518	.75	1.00	5	20D	7820	.40	.56	5	20C
3802	.25	.36	10	10	4520	.75	1.00	5	20D	7822	.45	.60	5	20C
3803	.25	.36	10	10	4520	.35	.48	5	15	Q7822	.50	.68	5	20C
3804	.25	.36	10	10	4524	1.00	1.36	5	6	Q7822	.50	.68	5	20C
3805	.25	.36	10	10	4524	2.25	3.00	5	20A	7824	.45	.60	5	20C
3806	.15	.20	10	10	4716	2.25	3.00	5	20A	Q7824	.50	.68	5	20C
3808	.15	.20	10	10	4718	2.25	3.00	5	20A	7825	.45	.60	5	20C
3810	.15	.20	10	10	4720	2.25	3.00	5	20A	Q7825	.55	.76	5	20C
3811	.15	.20	10	10	4812	.40	.56	5	20B	7826	.45	.60	5	20C
3812	.15	.20	10	10	4814	.40	.56	5	20B	7828	.55	.76	5	20C
3814	.25	.36	10	10	4816	.40	.56	5	20B	7828	.55	.76	5	20C
3816	.25	.36	10	10	4818	.40	.56	5	20B	Q7830	.55	.76	5	20C
3822	.40	.70	5	15	4819	.40	.56	5	20B	Q7830	.55	.76	5	20C
3900	9.00	12.15	1	5B	4820	.40	.56	5	20B	7830	.55	.76	5	20C
3904	.35	.48	5	...	5010	.45	.60	5	20B	7832	.55	.76	5	20C
3906	2.00	2.70	5	5B	5012	.45	.60	5	20B	Q7832	.70	.96	5	20C
3907	2.25	3.05	5	5B	5014	.45	.60	5	20B	7834	.65	.88	5	20C
3909	2.45	3.30	5	5B	5016	.45	.60	5	20B	Q7834	.75	1.00	5	20C
3910	2.45	3.30	5	5B	5019	.45	.60	5	20B	7836	.85	1.16	5	20C
4000	9.25	12.36	1	7	5020	.50	.68	5	20B	7840	.75	1.00	5	20C
4003	14.15	18.88	5	7	5116	1.15	1.56	5	20B	7906	1.00	1.34	5	20A
4008	.40	.56	5	20A	5118	1.15	1.56	5	20B	7912	1.10	1.48	5	20A
4010	.40	.56	5	20A	5120	1.15	1.56	5	20B	8306	2.00	2.68	5	20B
4011	.30	.40	5	7	5214	2.25	3.00	5	20B	8312	2.00	2.68	5	20C
4012	.25	.36	5	7	5216	2.25	3.00	5	20B	8406	1.50	2.00	5	20C
4014	.25	.36	5	7	5218	2.25	3.00	5	20B	8412	1.75	2.36	5	20A
4016	.25	.36	5	7	5220	.45	.60	5	20C	8916	3.00	4.00	5	20A
4018	.25	.36	5	7	5226	.45	.60	5	20C	9003	2.00	2.68	5	20B
4020	.25	.36	5	7	5228	.50	.68	5	20C	9006	2.10	2.80	5	20B
4022	.40	.56	5	7	5816	.40	.56	5	20C	9012	2.20	2.96	5	20B
4024	.40	.56	5	7	5818	.40	.56	5	20C	9016	2.30	3.08	5	20B
4025	.90	1.20	5	7	5819	.40	.56	5	20C	9020	3.00	4.00	5	20B
4026	.80	1.08	5	7	5820	.40	.56	5	20C	9106	2.00	2.68	5	20C
4027	.70	.96	5	7	5822	.45	.60	5	20C	9112	2.30	3.08	5	20C
4028	.75	1.00	5	7	5824	.85	1.16	5	20C	9116	.50	.68	5	20C
4029	1.30	1.76	5	7	5825	.45	.60	5	20C	9372	.50	.68	5	20A
4031	1.50	2.00	5	7	5828	.55	.76	5	20C	9374	.55	.76	5	20A
4040	.75	1.00	5	7	5830	.55	.76	5	20C	9376	.65	.88	5	20A
4041	.80	1.08	5	7	5832	.55	.76	5	20C	9613	1.90	2.56	5	20B
4042	.85	1.16	5</td											

INDEX



WALDEN-WORCESTER WRENCHES

Interchangeable Socket Sets — $\frac{1}{2}$ " sq. Handle Openings

No. 16-D Wrench Set



For work that requires a wide range of sockets with few accessory parts and handles. Adapted to busy garages that need extra socket sets.

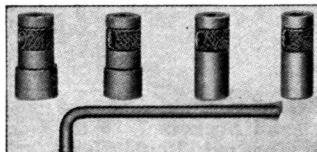
Contents

Twelve CHROME ALLOY DoubleHex. Sockets— $\frac{7}{16}$, $\frac{1}{2}$, $\frac{9}{16}$, $\frac{19}{32}$, $\frac{5}{8}$, $\frac{11}{16}$, $\frac{3}{4}$, $\frac{25}{32}$, $\frac{13}{16}$, $\frac{7}{8}$, $\frac{15}{16}$, 1 in.
No. 916— $10\frac{1}{2}$ in. Ratchet Wrench.
No. 1125— $10\frac{1}{2}$ in. Offset Handle.
No. 1109—Plug Connector for Ratchet Wrench.
No. 1139—9 in. Extension Bar.

Set No. 16-D with DoubleHex Sockets \$7.75
Set No. 16-T with Thin Wall Sockets \$8.70

No. 33 Spark Plug Wrench Set

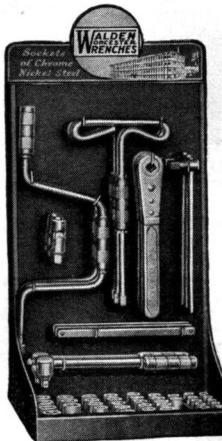
Contents



Sockets are cross-drilled so bar handle can be used as a lever or swivel. Ample clearance on motor head. Sockets are square broached to take any Walden-Worcester Handle.

Set No. 33 \$2.85

Stock Cabinet No. 903



A merchandising cabinet that's a regular little mint for the dealer. Contains all the necessary handles and sockets for the general run of wrench work. Here is a way to feature a standard line of wrenches that will help to build permanent, substantial wrench business.

Contents—46 Pieces

No.	No.	No.
3-814	4-824	2-1102
3-816	2-826	2-1111
3-818	2-828	2-1115
3-820	2-830	2-1122
3-821	2-832	2-1126
3-822	2-916	2-1139
		2-1142

No. 903 Cabinet complete with wrenches \$30.75

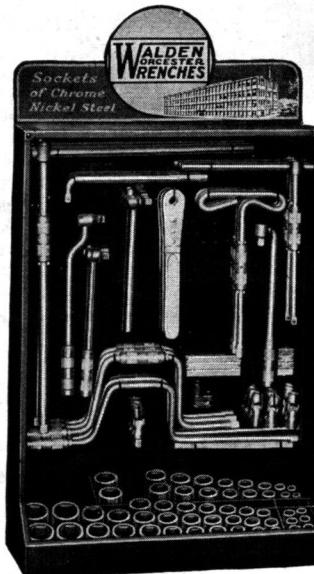
Cabinet free with this assortment of wrenches.

Prices Are Net to Dealer

For details of sockets and handles in these sets and cabinets see Page 6.

Stock Cabinets Nos. 901 and 902

A LITTLE WRENCH STORE IN ITSELF



hung conveniently on hooks where tool checks can be easily attached when handles are removed.

This complete assortment of interchangeable handles and sockets offers every possible socket wrench combination for all sorts of maintenance, repair and assembly work. Quantities being carefully selected to meet the demands of a busy shop.

The cabinet is compactly designed. Rugged steel construction, size $21\frac{1}{2}$ x 11 x 34.

The Walden Stock Cabinet is made up in three assortments. Nos. 901 and 904 cabinets containing a complete and carefully selected assortment, while No. 902 contains smaller quantities of all parts and omits entirely the square socket.

Stock Number	Quantity			Stock Number	Quantity		
	No. 901	No. 902	No. 904		No. 901	No. 902	No. 904
112	3	0	3	1125	3	2	3
114	3	0	3	1126	4	2	4
116	3	0	3	1127	3	2	3
118	3	0	3	1128	3	1	3
120	3	0	3	1129	3	1	3
122	3	0	3	1134	3	2	3
124	3	0	3	1135	3	2	3
128	3	0	3	1139	3	2	3
814	8	5	4	1142	3	2	3
816	8	5	4	1146	3	2	3
818	8	5	4	1171	3	2	3
819	4	3	2	1814	0	0	4
820	8	5	4	1816	0	0	4
822	8	5	4	1818	0	0	4
824	8	5	4	1819	0	0	2
825	4	3	2	1820	0	0	4
826	8	5	4	1822	0	0	4
828	8	5	4	1824	0	0	4
830	4	3	2	1825	0	0	2
831	4	3	4	1826	0	0	4
832	4	3	2	1828	0	0	4
834	4	3	4	1830	0	0	2
916	3	2	3	1832	0	0	2
1102	3	2	3	2016	3	2	3
1109	4	2	4	2018	3	2	3
1111	3	2	3	2020	3	2	3
1115	3	2	3	3328	3	1	3
1119	3	2	3	3336	3	1	3
1122	3	2	3				

No charge for cabinet to purchasers of either of these complete assortments.

No. 901 Cabinet complete with tools \$121.35

No. 902 Cabinet complete with tools \$ 69.45

No. 904 Cabinet complete with tools \$124.55



THE BULL'S-EYE SET

Just the set you've been looking for. A complete, yet carefully selected, assortment of Walden-Worcester Chrome-Alloy Wrenches. Contains nearly every wrench that the automotive mechanic requires. In a steel Tool Chest of outstanding design.



No. 29 Set

A very popular Bull's Eye Assortment consisting mainly of the complete Socket Wrench equipment. This leaves additional compartments for your other tools. Same steel chest as No. 97 Set.

No. 29 Set in Chest (79 Pieces) \$57.10
Weight 125 lbs.

No. 97 Set

Complete Bull's Eye assortment as illustrated above. One hundred and three pieces plus leatherette rolls, trays, etc. Every piece guaranteed by the Walden-Worcester "Bull's Eye" Trade Mark.

No. 97 Set in Chest (103 Pieces) \$85.60
Weight 140 lbs.

See the other side of this page for contents



Chest only \$25.00
Weight 60 lbs.

The Bull's-Eye Chest Itself

A heavy gauge steel chest for the mechanic who prides his equipment. This box is tailor made for the purpose by our Sheet Metal Department. Plenty of compartments for sockets and other small tools.

Size 12 x 13 x 27½. Top tray rises

with the lid. Back tray is detachable, note handle in center. Large lower compartment and a steel drawer below.

Drop front acts as lock for door when closed. Heavy lock with key. Strong handles on either end. Beautiful enduring finish throughout.

Look for the Bullseye  **It's Your Guarantee**
STEVENS WALDEN, INC. WORCESTER, MASS.



STEVENS
WALDEN
INC.
WORCESTER
MASS.

Aug.
1932

Printed
in
U.S.A.



Page
5A

BULL'S EYE SET—Continued

Contents No. 97 BULL'S EYE SET

Complete assortment of 103 Pieces

Contents of Top Tray

Socket Spintite Set No. 68— $\frac{5}{16}$ " hex drive.

One each DoubleHex Sockets $\frac{1}{4}$, $\frac{5}{16}$, $\frac{11}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{13}{16}$, $\frac{1}{2}$. Square Sockets $\frac{1}{4}$, $\frac{5}{16}$. Extension Bar, Sliding Offset, two Screw Driver Shanks, Detachable Screw Driver Handle, Socket Extension Bar. Complete in Steel Box.

Pony Wrenches— $\frac{3}{8}$ " Square Drive

DoubleHex Chrome Alloy Pony Sockets $\frac{1}{4}$, $\frac{5}{16}$, $\frac{3}{8}$, $\frac{1}{2}$, $\frac{13}{16}$, $\frac{5}{8}$, $\frac{11}{16}$, $\frac{3}{4}$. One each Pony Handles—Universal Joint, Tee Handle, Offset Handle, Extension Bar, Spintite Handle, Ratchet, Plug for Ratchet.

Electrical Wrench Set. No. 1900

Miniature drop forged Open End Wrenches Chrome Alloy with polished Udylite Finish. One each $\frac{3}{32}$, $\frac{11}{32}$, $\frac{1}{4}$, $\frac{15}{32}$, $\frac{3}{8}$, $\frac{17}{32}$. In blue leatherette roll.

Short Boxtite Wrenches

DoubleHex—Chrome Alloy—Double Offset.

No. 484—Sizes $\frac{3}{8}$ & $\frac{1}{2}$ length $4\frac{1}{8}$ in.

No. 485—Sizes $\frac{1}{2}$ & $\frac{13}{16}$ length $4\frac{1}{8}$ in.

No. 486—Sizes $\frac{1}{2}$ & $\frac{3}{8}$ length $5\frac{1}{8}$ in.

Contents of Back Tray which is Removable

Chrome-Alloy Thin-Wall Sockets— $\frac{1}{2}$ " Square Drive

DoubleHex Thin Wall Sockets $\frac{1}{8}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{11}{32}$, $\frac{3}{8}$, $\frac{13}{32}$, $\frac{7}{16}$, $\frac{1}{2}$, $\frac{15}{32}$, $\frac{1}{2}$, $\frac{17}{32}$, $\frac{1}{2}$, $\frac{19}{32}$, $\frac{1}{2}$, $\frac{21}{32}$, $\frac{1}{2}$, $\frac{23}{32}$, $\frac{1}{2}$, $\frac{25}{32}$, $\frac{1}{2}$, $\frac{27}{32}$, $\frac{1}{2}$, $\frac{29}{32}$, $\frac{1}{2}$, $\frac{31}{32}$, $\frac{1}{2}$, $\frac{33}{32}$, $\frac{1}{2}$, $\frac{35}{32}$, $\frac{1}{2}$, $\frac{37}{32}$, $\frac{1}{2}$, $\frac{39}{32}$, $\frac{1}{2}$, $\frac{41}{32}$, $\frac{1}{2}$, $\frac{43}{32}$, $\frac{1}{2}$, $\frac{45}{32}$, $\frac{1}{2}$, $\frac{47}{32}$, $\frac{1}{2}$, $\frac{49}{32}$, $\frac{1}{2}$, $\frac{51}{32}$, $\frac{1}{2}$, $\frac{53}{32}$, $\frac{1}{2}$, $\frac{55}{32}$, $\frac{1}{2}$, $\frac{57}{32}$, $\frac{1}{2}$, $\frac{59}{32}$, $\frac{1}{2}$, $\frac{61}{32}$, $\frac{1}{2}$, $\frac{63}{32}$, $\frac{1}{2}$, $\frac{65}{32}$, $\frac{1}{2}$, $\frac{67}{32}$, $\frac{1}{2}$, $\frac{69}{32}$, $\frac{1}{2}$, $\frac{71}{32}$, $\frac{1}{2}$, $\frac{73}{32}$, $\frac{1}{2}$, $\frac{75}{32}$, $\frac{1}{2}$, $\frac{77}{32}$, $\frac{1}{2}$, $\frac{79}{32}$, $\frac{1}{2}$, $\frac{81}{32}$, $\frac{1}{2}$, $\frac{83}{32}$, $\frac{1}{2}$, $\frac{85}{32}$, $\frac{1}{2}$, $\frac{87}{32}$, $\frac{1}{2}$, $\frac{89}{32}$, $\frac{1}{2}$, $\frac{91}{32}$, $\frac{1}{2}$, $\frac{93}{32}$, $\frac{1}{2}$, $\frac{95}{32}$, $\frac{1}{2}$, $\frac{97}{32}$, $\frac{1}{2}$, $\frac{99}{32}$, $\frac{1}{2}$, $\frac{101}{32}$, $\frac{1}{2}$, $\frac{103}{32}$, $\frac{1}{2}$. Also Standard DoubleHex Socket $\frac{1}{2}$. DoubleSquare Sockets $\frac{1}{2}$, $\frac{5}{16}$. One each Handles— $\frac{1}{2}$ in. sq.; Ratchet, Ratchet Plug, Swivel Handle 10 in., Swivel Handle 15 in., Offset Handle No. 1142, Sliding Offset, Extension 5 in., Extension 9 in., Universal Joint, Drag Link Bit No. 1130.

Contents of the Lower Compartment

HyDuty Sockets and Handles $\frac{1}{2}$ in. Square Drive

HyDuty Chrome Alloy Sockets 1 in., $1\frac{1}{8}$ in., $1\frac{1}{4}$ in., $1\frac{3}{8}$ in., $1\frac{5}{8}$ in., $1\frac{11}{16}$ in. HyDuty Handles—Ratchet, ratchet plug, sliding offset, extension bar.

Spark Plug Sockets— $\frac{1}{2}$ in. Square Drive

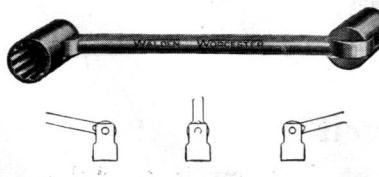
Chrome-Alloy DoubleHex Nos. 3328— $\frac{7}{8}$ in., 3332—1 in., 3336— $1\frac{1}{8}$ in.

WALDEN-WORCESTER FLEXTITE WRENCHES

Double Hex

Chrome Alloy

Swivel Socket



Something new in Socket Wrenches. Thin-Wall Walden-Worcester Sockets on a swinging handle. Two popular sizes on each wrench. Conveniently flexible, yet compact and sturdy.

No.	Double Hex	Length	Price
3906	$\frac{7}{16}$ " & $\frac{1}{2}$ "	$5\frac{1}{2}$ "	\$2.00
3907	$\frac{5}{16}$ " & $\frac{3}{8}$ "	$6\frac{1}{2}$ "	2.25
3909	$\frac{5}{8}$ " & $\frac{3}{4}$ "	12"	2.45
3910	$1\frac{1}{8}$ " & $1\frac{1}{2}$ "	12"	2.45

Prices are Net to Dealer

Contents No. 97 Set Continued

Brace Handles

No. 1115—15 in. brace, rotating knurled grips, $\frac{1}{2}$ in. sq.

No. 1119—20 in. brace, shank $9\frac{1}{4}$, $\frac{1}{2}$ in. sq. drive.

No. 4025—15 in. Pony Brace $\frac{3}{8}$ in. sq. drive.

Long Boxtite Wrenches

Chrome-Alloy DoubleHex No. 377— $\frac{5}{8}$ in. and $\frac{3}{4}$ in. length $13\frac{1}{2}$ in. No. 385-C— $\frac{11}{16}$ in. & $\frac{7}{8}$ in. length $13\frac{1}{2}$ in.

Flextite Wrenches

Double End Swivels with DoubleHex Chrome Alloy Sockets. No. 3906— $\frac{7}{16}$ in. & $\frac{1}{2}$ in. length $5\frac{1}{2}$ in. No. 3907— $\frac{5}{16}$ in. & $\frac{3}{8}$ in. length $6\frac{1}{2}$ in. No. 3909— $\frac{5}{8}$ in. & $\frac{3}{4}$ in. length 12 in. No. 3910— $\frac{11}{16}$ in. & $\frac{11}{16}$ in. length 12 in.

Contents of the Lower Drawer

Engineers' Wrenches 15° Open End

Chrome-Alloy Wrenches with polished Udylite finish. Set No. 1711 consisting of eight wrenches in blue leatherette roll. One each Nos. 1723, 1725, 1725-B, 1025, 1727, 1729, 1029, 1731-A.

Tappet Wrenches

Chrome-Alloy Wrenches with polished Udylite finish. Set No. 972 eight wrenches in blue leatherette roll. One each Nos 975 to 982 inclusive.

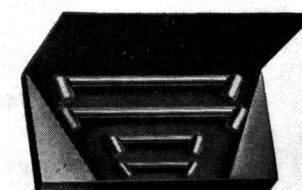
Water Pump Plier

Chrome-Alloy—Full polished nickel finish. No. 344. Capacity $\frac{1}{2}$ in. to $1\frac{1}{2}$ in.

Contents No. 29 BULL'S EYE SET

This is the smaller assortment in the same steel chest. 79 Pieces

An optional assortment of wrenches to make up a Bull's Eye Set consisting mainly of Socket Wrenches. Contents same as No. 97 Set above, except omit—open end "Engineers" Set No. 1711, tappet set No. 972, two large Boxtite Wrenches Nos. 377 and 385C, water pump plier No. 344, HyDuty ratchet and plug Nos. 2284 and 2285, three Flextite Wrenches 3906, 3907, 3910.



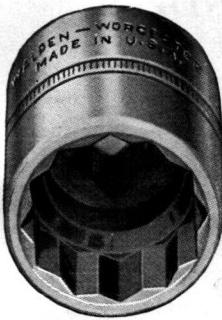
**Flextite
Set
No. 3900**

An ideal set to complete your wrench kit. Four Flextite Wrenches in a steel box. One each Nos. 3906, 3907, 3909, 3910.

The two smaller wrenches for carburetors, manifolds, starters, generators, etc. The two larger wrenches are equally useful on cylinder heads, shackles, oil pans, bearings, etc. No. 3909 is just the wrench for Chevrolet cylinder head and connecting rods. No. 3910 for Ford cylinder head and connecting rods.

Set No. 3900 Complete in Steel Case \$9.00

WALDEN-WORCESTER WRENCHES



Sockets of Chrome Alloy Steel

Utmost skill and care in heat treatment imparts unusual toughness to the thin walls of the sockets.

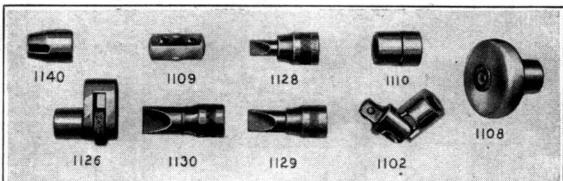
DoubleHex sockets for hexagon nuts. They fit in twelve positions around the very small handle swing required in close quarters.

Standard interchangeable sockets held to $\frac{1}{2}$ " square handles by means of spring ball.



Size	Double Hex.		Tee Flex		Square		Spark Plug	
	No.	Price	No.	Price	No.	Price	No.	Price
$\frac{5}{16}$	...	...	...	...	110	\$.35	...	...
$\frac{3}{8}$	814	\$.35	...	...	112	.35	...	...
$\frac{7}{16}$	816	.35	2016	\$ 1.35	114	.35	...	...
$\frac{1}{2}$	818	.35	2018	1.35	116	.40	...	...
$\frac{9}{16}$	819	.40	...	...	118	.45	...	...
$\frac{11}{16}$	820	.40	2020	1.35	120	.50	...	...
$\frac{21}{32}$	821	.40	...	...	...	...	...	...
$\frac{11}{16}$	822	.40	2022	1.85	122	.60	...	...
$\frac{8}{16}$	824	.45	2024	1.85	124	.65	...	...
$\frac{25}{32}$	825	.45	...	...	...	...	3326	\$.60
$\frac{13}{16}$	826	.50	...	...	...	...	3328	.60 *
$\frac{7}{8}$	828	.50	2028	2.50	128	.70	3330	.60
$\frac{15}{16}$	830	.55	...	...	...	...	...	...
$\frac{31}{32}$	831	.60	...	...	...	...	...	...
1	832	.60	...	...	132	.90	3332	.75
$1\frac{1}{16}$	834	.60	...	...	...	...	...	...
$1\frac{1}{8}$	836	.60	...	...	136	1.10	3336	.75
$1\frac{1}{4}$	840	.60	...	...	140	1.25	...	...

*No. 4654— $\frac{7}{8}$ " DoubleHex \$1.00 each
Special Thin Wall to fit Buick 1931. Standard Chrome Alloy Socket as used in No. 33 Spark Plug Set.

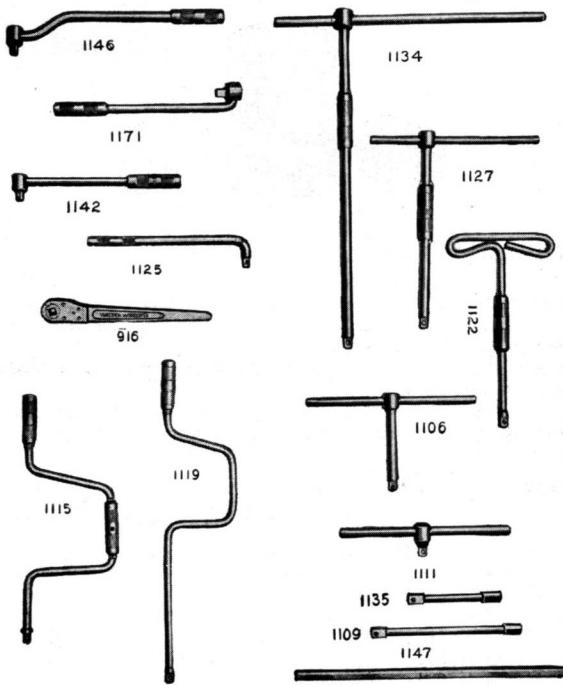


Special Parts

- No. 1102—Universal Joint makes Tee Flex wrench out of any handle. Chrome Alloy Steel \$1.35
No. 1108—Extension Top for use with extension bar, ratchet and socket on overhead work \$.55
No. 1109—Plug Connector for use with ratchet handle, $\frac{1}{4}$ sq. \$.20
No. 1110—Socket Connector, both ends $\frac{1}{4}$ " sq. \$.30
No. 1126—Stud Wrench. Quickly removes or sets studs from $5/16$ in. to $9/16$ in. Hardened milled roller grips stud firmly but without injury. Roller can be reset when worn. Used with Walden-Worcester handles \$1.25
No. 3157—Replacement rollers for 1126 \$.35
No. 1128—Screw Driver Bit, Chrome Vanadium, $\frac{3}{8}$ blade, \$.50
No. 1129—Screw Driver Bit, Chrome Vanadium, $\frac{5}{8}$ blade, \$.60
No. 1130—Drag Link Bit, Chrome Alloy, $15/16$ blade, \$.75
No. 1140—Socket for all Alemite and Zerk Fittings, \$.90

Wrench Openings	Standard Bolt or Screw Diameters					
	S. A. E. Nuts and Cap Screws	U. S. Standard		American Standard		
		Nuts	Hex. Head Cap Screws	Nuts	Hex. Head Cap Screws	Nuts
$\frac{7}{16}$		$\frac{1}{4}$		$\frac{1}{4}$		$\frac{1}{4}$
$\frac{1}{2}$	$\frac{5}{16}$	$\frac{1}{4}$		$\frac{5}{16}$		$\frac{5}{16}$
$\frac{9}{16}$	$\frac{3}{8}$		$\frac{5}{16}$		$\frac{5}{16}$	$\frac{5}{16}$
$\frac{11}{16}$			$\frac{7}{16}$		$\frac{7}{16}$	$\frac{7}{16}$
$\frac{3}{4}$		$\frac{7}{16}$		$\frac{7}{16}$		$\frac{7}{16}$
$\frac{25}{32}$			$\frac{7}{16}$		$\frac{7}{16}$	$\frac{7}{16}$
$\frac{13}{16}$			$\frac{9}{16}$		$\frac{9}{16}$	$\frac{9}{16}$
$\frac{7}{8}$		$\frac{9}{16}$		$\frac{9}{16}$		$\frac{9}{16}$
$\frac{15}{16}$		$\frac{11}{16}$		$\frac{11}{16}$		$\frac{11}{16}$
1	$\frac{3}{4}$	$\frac{3}{4}$		$\frac{3}{4}$		$\frac{3}{4}$
$1\frac{1}{16}$		$\frac{5}{8}$		$\frac{5}{8}$		$\frac{5}{8}$
$1\frac{1}{8}$		$\frac{7}{8}$		$\frac{7}{8}$		$\frac{7}{8}$
$1\frac{1}{4}$	$\frac{7}{8}$	$\frac{1}{2}$		$\frac{1}{2}$		$\frac{1}{2}$

Wrench Handles $\frac{1}{2}$ " Sq.



Gooseneck Handle

The Gooseneck is a 14-inch $\frac{5}{8}$ in. diameter handle with a solid knurled steel handle and a head of CHROME ALLOY STEEL. "Gooseneck" bend gives it speed, safety and convenience. Raises handle to clear obstructions and protect knuckles. Also permits socket to fit easily into deep recesses. No. 1146—\$1.10.

Swivel Offset Handle

A popular offset with swivel head so handle can swing clear of obstructions. High grade steel permits this feature without making tool bulky or awkward. Length 10 $\frac{1}{2}$ in. No. 1171—\$1.10.

Offset Handle

For powerful leverage in close quarters—comfortable handle. Length 10 $\frac{1}{2}$ in. No. 1142—\$.75.

Offset Handle

Short offset for tight place. Chrome Alloy bar with knurled handle. 10 $\frac{1}{2}$ in. No. 1125—\$.50.

Ratchet Handle

Simple construction, few working parts. A strong, durable tool that will be found useful in a wide variety of applications. Length 11 in.; opening $\frac{1}{2}$ in. No. 916—\$2.50.

Long-Shank Speed Brace

Overall length of 20 in. with a shank 9 $\frac{1}{4}$ in. long so that bend clears obstructions. No. 1119—\$.90.

Short-Shank Speed Brace

Length 14 $\frac{1}{4}$ in. Shank 4 $\frac{1}{4}$ in. Rotating grips. No. 1115—\$1.10.

Long Shank Tee Handle

Twenty-inch shank allows powerful cross-bar handle to clear hood and cowl when working on cylinder head. Rotating knurled grip to spin nuts on or off. No. 1134—\$1.35.

Tee Handle

Cross-bar 10 in. Shank 12 in., with rotating knurled grip. Like No. 1134, with shorter shank. No. 1127—\$.35.

Tee Handle

Heavy construction permits use on nuts on larger sizes. Massive handle enables one to get more power out of one hand. Rotating grip to spin the nuts. Length 12 in. No. 1122—\$.90.

Short-Shank Tee Handle

Shank 6 in.; cross-bar 8 in. No. 1106—\$.12.50.

Combination Tee and Offset

Length of cross-bar 10 in. No. 1111—\$.65.

Extension Bars

Lengthens Tee or Offset combination so handles clear obstructions.

No. 1135—5", $\frac{1}{2}$ " sq. plug one end, $\frac{1}{2}$ " sq. socket other end \$.45

No. 1139—9", $\frac{1}{2}$ " sq. plug one end, $\frac{1}{2}$ " sq. socket other end \$.45

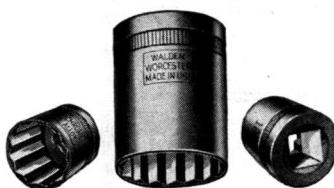
No. 1147—16", $\frac{1}{2}$ " sq. plug both ends \$.50

Prices Are Net to Dealer



WALDEN-WORCESTER WRENCHES

THIN WALL SOCKETS



THIN WALLS—

An accomplishment of Walden-Worcester Wrench engineering. Here is an improved Thin-Wall Socket. All of the bulkiness of a heavier socket has been cut away, ample strength has been retained.

Slender polished walls that easily encase the most snugly placed nuts.

Full depth DoubleHex openings to fit over two nuts at a time, when check nuts are encountered.

SIZES AND PRICES—

Wrench Openings Double Hex.	Stock No.	Dealer Net Price	S. A. E. Nuts and Cap Screws	U. S. Nuts	Standard Hex. Head Cap Screws
7/16	1814	.45	1/4	1/4	1/4
1/2	1816	.45	5/16	5/16	5/16
9/16	1818	.45	3/8	3/8	3/8
19/32	1819	.45	7/16	7/16	7/16
5/8	1820	.50	1/2	5/8	1/2
11/16	1822	.50	11/16	11/16	11/16
3/4	1824	.50	13/16	13/16	13/16
25/32	1825	.55	15/16	15/16	15/16
13/16	1826	.55	1	1	1
7/8	1828	.55	9/16	1/2	5/8
15/16	1830	.65	11/16	11/16	11/16
1	1832	.65	13/16	3/4	3/4

METHOD OF MANUFACTURE—

Upon advice of our engineers it was decided to manufacture Thin-Wall Sockets from oversize diameters of Chrome Alloy Steel. After broaching the DoubleHex opening, the outer wall is turned and ground to the required degree of thinness. This eliminates any strains or tendency to bulge the wall which might otherwise occur in the broaching operation. We know of no way to make a thin-wall socket stronger.

GUARANTEE—

Walden-Worcester Thin-Wall Sockets are backed by our regular guarantee against all defects in material and workmanship. In normal handling they will strip the threads of any nut to which they are applied. Not guaranteed against willful abuse or wear from years of normal usage.

SPECIFICATIONS—

Chrome Alloy Steel.
Polished Straw Colored Finish.
Extra Deep, DoubleHex Openings.
Handle Opening $\frac{1}{2}$ " Square.
Packed 5 to a Carton.

Aug.
1932

Printed
in
U.S.A.

WALDEN
WRENCHES

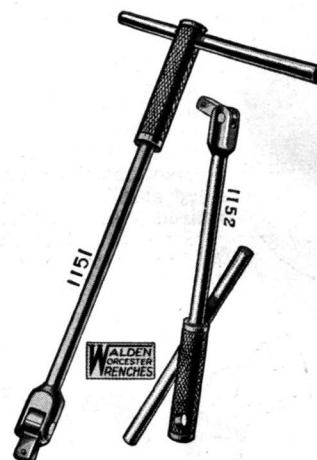
STEVENS
TOOLS & BOSS

HUTTO
GRINDERS

Page

6A

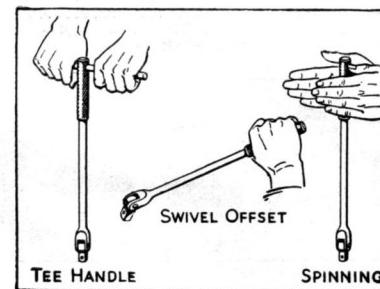
SWIVEL HANDLES



A socket wrench handle of unusual flexibility. Compact swivel joint of Chrome Alloy Steel on a long comfortable handle. It is a tee handle, a swivel handle, an offset handle, all in one. Instantly converted to any position without detaching from socket or nut. One handle that will run on the nut at full speed and then instantly swings to right angles for the final pull.

FRICTION IN THE SWIVEL—

In order to secure the maximum rigidity in this handle the head turns in the yoke of the swivel joint on a stiff spring ball. A free acting joint yet plenty of friction to eliminate all flimsiness. A special slot automatically holds the wrench in straight position. This eliminates all wobbling when used as a tee handle.



AS A TEE HANDLE—

Every handle is supplied with a detachable, sliding cross bar. Cross hole on end of handle has friction ball to hold crossbar in place.

FOR SPINNING—

The grip of handle has a full rough knurl. When used in a straight or upright position, the handle can be spun between the palms of the hand. Speedy for running the nut on or off.

AS A 90° OFFSET HANDLE—

The extreme strength of the swivel joint makes it possible to transfer powerful leverage to the nut with the handle at a full right angle to the socket.

SPECIFICATIONS—

Chrome Alloy Steel.
Udylite Cadmium Finish.
For Sockets with $\frac{1}{2}$ " Square Opening.
Packed 5 to a Carton.

No. 1151—15" \$1.75
No. 1152—10" \$1.65

Thin-Wall Socket Sets
ON NEXT PAGE

WALDEN-WORCESTER WRENCHES

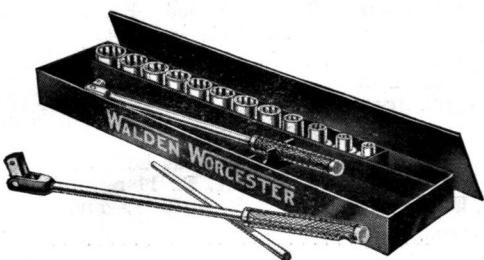
THIN WALL SOCKET SET No. 1800



A full range of Walden-Worcester Thin-Wall Sockets in compact steel tray. Twelve of the 1800 series DoubleHex sockets as follows— $\frac{1}{8}$ ", $\frac{1}{4}$ ", $\frac{3}{8}$ ", $\frac{5}{16}$ ", $\frac{1}{2}$ ", $\frac{7}{16}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ ", $\frac{11}{16}$ ", $\frac{3}{4}$ ", $\frac{13}{16}$ ", $\frac{7}{8}$ ", $\frac{15}{16}$ ", 1".

No. 1800 with steel tray \$6.25

THIN WALL SWIVEL SET No. 1803



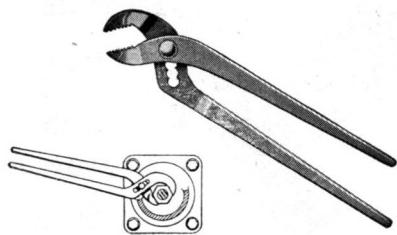
Twelve Thin-Wall DoubleHex Sockets of the 1800 series from $\frac{1}{8}$ " to 1" with both swivel handles, Nos. 1151—15" and 1152—10".

In blue enamel steel box. A complete service set of Walden-Worcester quality combining all of the latest improvements of speed and flexibility.

No. 1803 set \$9.65

See Page 4
for other
WALDEN
WORCESTER
SOCKET SETS
with
Thin Wall Sockets

WATER PUMP WRENCH



A plier designed to take such a solid grip on the sides of the nut that it feels and works like an open-end wrench.

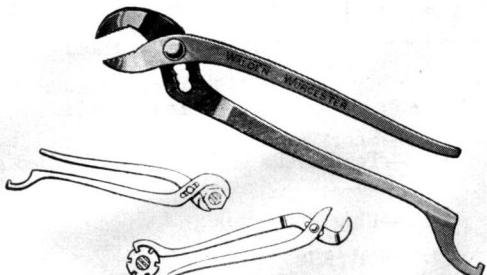
Thin jaws only $\frac{1}{4}$ " thick, offset like an engineer's wrench. Chrome Alloy drop forging 9 $\frac{1}{2}$ " long. Walden-Worcester strength through every inch. Sharp tooth jaws. Five stage slip joint—capacity $\frac{1}{2}$ " to 1 $\frac{1}{2}$ " between jaws. Permanent rust-proof Udylite finish with polished jaws.

An ideal tool for reaching the inaccessible pack-nuts on water pump shafts. Equally useful for brake adjustment of all types of hexagon, square, or round slotted nuts.

Packed 10 to a carton

No. 344 \$1.25

WALDEN-WORCESTER WATER PUMP PLIER with Spanner



A thin nose plier especially designed for water-pump pack nuts. Chrome-Alloy drop forging 10 $\frac{1}{2}$ in. long. Jaw $\frac{1}{4}$ in. thick. Capacity $\frac{1}{2}$ in. to 1 $\frac{1}{2}$ in. Bright nickel finish.

Like No. 344 except it has the additional feature of a spanner on the end. This fits the splined pack nut of Ford A, recent models of Chrysler, Reo, etc.

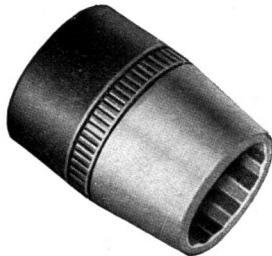
Packed 10 to a carton.

No. 369 Plier with Spanner \$1.60 each



WALDEN-WORCESTER WRENCHES

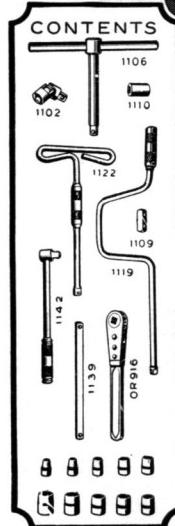
Metric Sockets for European Cars



Double Hex
Sockets
of
Chrome Alloy
Steel

Stock No.	Size MM	Price	Stock No.	Size MM	Price
1210	10	\$0.42	1221	21	\$0.60
1211	11	.42	1222	22	.60
1212	12	.42	1223	23	.66
1213	13	.42	1224	24	.72
1214	14	.42	1225	25	.72
1215	15	.42	1226	26	.72
1217	17	.48	1227	27	.72
1218	18	.48	1228	28	.72
1219	19	.48	1229	29	.72
1220	20	.48	1232	32	.72

Set No. 28-MM



Just the set for complete service work on all popular European cars having metric nuts.

A popular service set with twelve doublehex sockets of popular millimeter sizes.

A generous assortment of handles identical with those in Walden-Worcester Set No. 28-D.

Oversize steel tool box, 20½ x 6¼ x 5, allows room for other tools.

Contents

12 DoubleHex Chrome Alloy Sockets in following millimeter sizes—10, 11, 12, 13, 14, 15, 17, 19, 21, 23, 26, 28.

No. 916—Ratchet Handle, 10½ in.

No. 1142—Offset Handle, 10½ in.

No. 1119—Long Shank Speed Brace, 20 in.

No. 1106—Short Shank Tee Handle, 6 in.
No. 1122—Tee Handle with rotating knurled grip, 12 in.

No. 1109—Plug Connector.

No. 1139—Bar, 9 in.

No. 1110—Socket Connector.

No. 1102—Universal Joint.

No. BX-20—Steel Box.

Set No. 28-MM \$15.63

All wrench handles in sets on this page are described on Page 6.

Prices Are Net to Dealer

Set No. 25-DMM



Here is a most complete service set to take 90% of the nuts on European and American cars. Twelve sockets comprising nine popular metric sizes and six popular S. A. E. sizes. Complete in steel box.

Contents

Six DoubleHex Chrome Alloy Sockets S. A. E.—Nos. 814, 818, 819, 820, 822, 824.

Six DoubleHex, Chrome Alloy Sockets, Metric—Nos. 1210, 1212, 1221, 1223, 1226, 1228.

No. 1115—Short Shank Speed Brace, rotating knurled grips, 14¼ in.

No. 1122—Tee Handle with rotating knurled grip, 12 in.

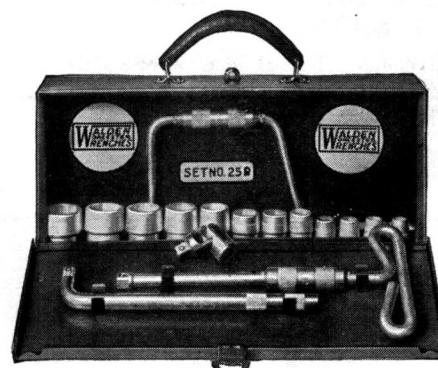
No. 1125—10½ in. Offset Handle.

No. 1102—Universal Joint.

Note—The following sockets fit both S. A. E. and metric nuts. No. 814 7/16 S. A. E., 11 mm. No. 819 15/16 S. A. E. 15mm. No. 824 3/4 S. A. E., 19 mm.

No. 25DMM \$10.19

Set No. 25-MM



A most useful assortment of general service wrenches with metric size sockets for popular European cars. Complete in steel box.

Contents

Nine DoubleHex, Chrome Alloy, Sockets in the following millimeter sizes—10, 11, 12, 15, 19, 21, 23, 26, 28.

No. 1115—Short Shank Speed Brace, rotating knurled grips, 14¼ in.

No. 1122—Tee Handle with rotating knurled grip, 12 in.

No. 1125—10½ in. Offset Handle.

No. 1102—Universal Joint.

No. 25MM \$9.16



Aug.
1932

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in
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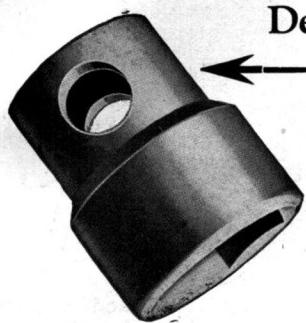


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6C

WALDEN-WORCESTER WRENCHES

Heavy Duty Sockets



Deep Socket with
Handle Hole

Chrome Alloy
Steel

All sockets and handles on this page have one inch hexagon handle openings. This permits large sturdy handle for heavy work. Sockets fit loosely enough to be quickly detachable. Held in place by spring ball.

Specially heat-treated steel to give them extreme strength and hard wearing surfaces. Extra deep sockets have cross hole for bar handle—enormous leverage in gripping socket close to nut.

HEXAGON SOCKETS

No.	Size	Price	No.	Size	Price
528	$\frac{7}{8}$	\$1.10	546	$1\frac{7}{16}$	\$1.50
530	$\frac{15}{16}$	1.10	548	$1\frac{1}{2}$	1.90
531	$\frac{31}{32}$	1.10	552	$1\frac{5}{8}$	1.90
532	$1\frac{1}{8}$	1.10	556	$1\frac{3}{4}$	2.10
534	$1\frac{11}{16}$	1.10	558	$1\frac{5}{16}$	2.40
536	$1\frac{1}{8}$	1.20	560	$1\frac{1}{8}$	3.10
538	$1\frac{15}{16}$	1.25	564	2	3.10
540	$1\frac{1}{4}$	1.25	570	$2\frac{1}{16}$	4.60
544	$1\frac{1}{8}$	1.40	578	$2\frac{1}{16}$	5.60

SQUARE SOCKETS

No.	Square Size	Actual Broach	Price
4440	$1\frac{1}{4}$	1.310	\$2.20
4448	$1\frac{1}{2}$	1.628	3.50
4464	2	2.185	5.80

Heavy Duty Set No. 510



A liberal margin of strength and ruggedness in every part. Complete assortment of handles and sockets for turning large, awkwardly placed nuts and bolts. A necessity for maintenance of heavy machinery in steel mills, mines, machine shops, or steamships. Also widely used on bus and truck repair.

Contents:

- Ten Heavy-Duty Hex Sockets— $1, 1\frac{1}{8}, 1\frac{1}{4}, 1\frac{5}{8}, 2$ in.
- No. 1132—Heavy-Duty Ratchet Wrench.
- No. 1116—Plug Connector.
- No. 1112—Tee Handle Shank.
- No. 1123—Crossbar Handle.
- No. 1103—Offset Adapter.
- Box $20\frac{1}{2} \times 5\frac{1}{2} \times 3\frac{1}{2}$.
- No. 510 Set, complete in steel box \$27.00

Heavy Duty Handles—1" hex.



1132



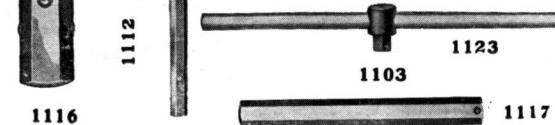
1103



1123



1112



1103

1117

No. 1132—Ratchet Wrench. A sturdy built tool that can be depended upon for heavy service. Broached opening 1" hex. No. 1132 20 in.—\$7.25.
Nos. 1103-1123—Short Tee. Heavy-Duty Crossbar Handle No. 1123 with Offset Adapter No. 1103. Nos. 1103 & 1123 together \$1.85.

Nos. 1112-1123—Tee-Handles. No. 1123 and No. 1112 combined. Sliding crossbar is $\frac{7}{8}$ " round and 20" long. Hex shank is $1\frac{1}{4}$ " long of 1" hex steel.

No. 1123 & 1112 together \$2.35

No. 1123 only .60

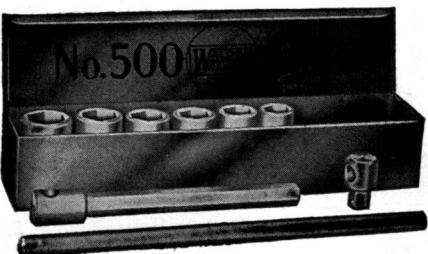
No. 1112 only 1.75

No. 1103—Offset Adapter. Tough steel to stand strain of powerful leverage. Length 2". Diameter $1\frac{5}{8}$ ". No. 1103—\$1.25.

No. 1116—Plug Connectors, length 2", 1" hex section. No. 1116—\$.60

No. 1117—Extension Bar. Used with No. 1132 Ratchet and other combinations. Length 10", 1" hex section. No. 1117—\$1.00.

Heavy
Duty
Set
No. 500



A compact set of Heavy-Duty wrenches containing a Tee and Offset handle with six sockets of nut sizes frequently encountered on heavy industrial equipment. Sturdy construction throughout.

Contents:

Six Heavy-Duty Hex Sockets— $1\frac{1}{4}, 1\frac{1}{8}, 1\frac{7}{16}, 1\frac{1}{2}, 1\frac{5}{8}, 1\frac{3}{4}$. No. 1103—Offset Adapter. No. 1112—Tee Handle Shank. No. 1123—Crossbar Handle. Box $20\frac{1}{2} \times 4 \times 3\frac{1}{4}$.

No. 500 Set, complete in steel box \$13.75

Wrench Openings	S. A. E. Nuts and Cap Screws	Standard Bolt or Screw Diameters			
		U. S. Standard		American Standard	
		Nuts	Hex. Head Cap Screws	Nuts	Hex. Head Cap Screws
$\frac{7}{8}$	$\frac{9}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{5}{8}$
$1\frac{15}{16}$	$1\frac{1}{16}$	$\frac{11}{16}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{3}{4}$
1	$1\frac{1}{16}$	$\frac{3}{4}$	$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{8}$
$1\frac{1}{8}$	$1\frac{1}{8}$	$\frac{7}{8}$	$\frac{3}{4}$	1	$1\frac{1}{8}$
$1\frac{1}{4}$	$1\frac{1}{4}$	$\frac{7}{8}$	1	$1\frac{1}{8}$	1
$1\frac{3}{8}$	$1\frac{7}{16}$	1	$\frac{7}{8}$	$\frac{7}{8}$	1
$1\frac{7}{16}$	$1\frac{1}{2}$	$1\frac{1}{8}$	$1\frac{1}{4}$	1	$1\frac{1}{8}$
$1\frac{1}{2}$	$1\frac{5}{8}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{8}$	$1\frac{1}{4}$
$1\frac{5}{8}$	$1\frac{3}{4}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{8}$	$1\frac{1}{4}$
$1\frac{3}{4}$	$1\frac{15}{16}$	$1\frac{1}{4}$	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{4}$
$1\frac{1}{8}$	2	$1\frac{1}{8}$	$1\frac{1}{4}$	$1\frac{1}{4}$	$1\frac{1}{4}$
2	$2\frac{1}{16}$	$1\frac{1}{2}$	$1\frac{3}{8}$	$1\frac{3}{8}$	$1\frac{3}{8}$
$2\frac{1}{16}$	$2\frac{1}{16}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$	$1\frac{1}{2}$



Aug.
1932

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WRENCHES

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WALDEN-WORCESTER WRENCHES

Spintites

The Socket Wrench for Little Nuts
Works Like a Screw Driver



Little nuts! Millions of them to be tightened everywhere. In the home, in the radio shop, the electrical shop, in the industrial plant, on the automobile. Every work bench, every tool kit, needs Spintites. Used by the big radio and car manufacturers for years.

There's a feel to Spintite "nut drivers" no tool user can resist. Built like a screw driver with a thin-walled hexagon socket on the end. Hollow shanks so the socket will reach down over the bolt and grip the nut.

No.	Hex Size	Ov' all Lgth.	Price	No.	Hex Size	Ov' all Lgth.	Price
3406	$\frac{5}{16}$	5 $\frac{1}{8}$	.25	3414	$\frac{7}{16}$	6 $\frac{1}{8}$	.40
3408	$\frac{1}{4}$	5 $\frac{1}{8}$	.25	3416	$\frac{1}{2}$	6 $\frac{1}{8}$	.40
3410	$\frac{5}{16}$	5 $\frac{1}{8}$	.25	3418	$\frac{5}{16}$	6 $\frac{1}{8}$	.75
3411	$\frac{11}{16}$	5 $\frac{1}{8}$	.25	3420	$\frac{5}{8}$	6 $\frac{1}{8}$	.75
3412	$\frac{3}{8}$	5 $\frac{1}{8}$	.25				

Spintite Bench Set

No. T-73

Set of seven popular size hex Spintites in a convenient holder for bench or tool rack. Just the unit for electrical assembly, repair, or testing.

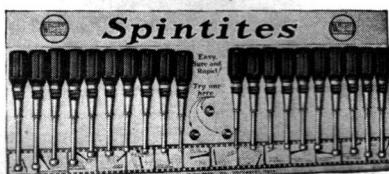
Contents: Nos. 3406, 3408, 3410, 3411, 3412, 3414, 3416.

Stand only \$75

No. T-73, complete with stand, \$2.50



Spintite Display Card



Just the thing to catch the eye. A compact counter display unit containing an assortment of twenty Spintites of popular sizes for Hardware Stores, Electrical Shops, or Automotive Tool and Accessory Counters.

No. T-420 Display
Complete, \$5.00

Prices Are Net to Dealer

Spintite Socket Set

No. 68

A genuine miniature socket wrench set filling a long-felt want in the repair shop. Double-depth thin-wall sockets and a variety of handles provide combinations for adjusting and assembling small and delicate electrical and mechanical parts. Ideal for the electrician, radio fan, or ignition specialist.

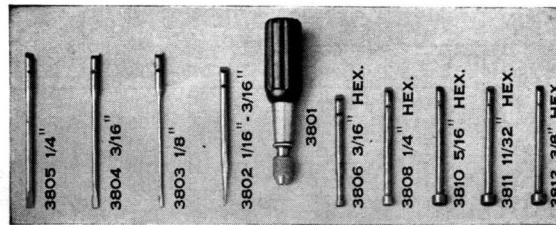
Contents

Hex Sockets $\frac{1}{4}$, $\frac{5}{16}$, $\frac{11}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, $\frac{1}{2}$. Square Sockets $\frac{1}{4}$, $\frac{5}{16}$. Tee Handle, Offset Handle, two Screw Driver Shanks, Universal Handle with chuck. Extension bar for handle.

No. 68 Set complete in steel box \$3.00

Spintite Shank Sockets

For Use with Universal and Yankee Handles



UNIVERSAL HANDLE

No. 3801 Universal Handle to fit any of above,
length 5"-\$0.45

HEXAGONAL OPENINGS

Stock No.	Nom. Broach	Diam. Socket End	Length of Shank	Price
3806	$\frac{5}{16}$	$\frac{9}{16}$	3 $\frac{1}{8}$	\$.15
3808	$\frac{1}{4}$	$\frac{11}{32}$	3 $\frac{1}{8}$	.15
3810	$\frac{5}{16}$	$\frac{7}{16}$	3 $\frac{1}{8}$	.15
3811	$\frac{11}{16}$	$\frac{15}{32}$	3 $\frac{1}{8}$	.15
3812	$\frac{3}{8}$	$\frac{1}{2}$	3 $\frac{1}{8}$	.15
3814	$\frac{5}{16}$	$\frac{5}{8}$	3 $\frac{1}{8}$	.25
3816	$\frac{1}{2}$	$\frac{11}{16}$	3 $\frac{1}{8}$	.25

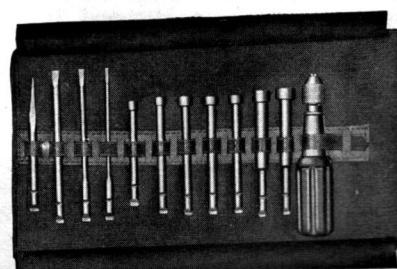
SCREW DRIVER SHANKS

Stock No.	Blade	Shank Diam.	Length of Shank	Price
3803	$\frac{1}{8}$ "	$\frac{1}{8}$ "	4	\$.25
3804	$\frac{5}{16}$ "	$\frac{5}{16}$ "	4	.25
3805	$\frac{1}{4}$ "	$\frac{1}{4}$ "	4	.25

REAMAWL

Stock No.	Size	Price
3802	$\frac{1}{16}$ to $\frac{3}{16}$	\$.25

Spintite Set No. T 51



Many mechanics prefer the compactness and portability of the tool roll. Contains 3 screw driver bits, 1 ream awl, 7 Spintite hex. bits, $\frac{3}{16}$, $\frac{1}{4}$, $\frac{5}{16}$, $\frac{11}{16}$, $\frac{3}{8}$, $\frac{7}{16}$, and $\frac{1}{2}$, with Universal Handle as described above.

No. T-51 Set complete in roll \$3.50



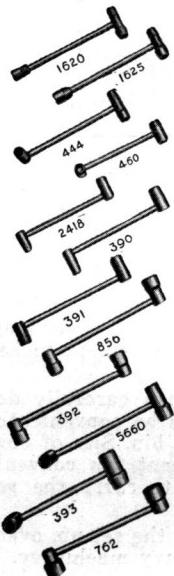
WALDEN-WORCESTER

Fixed Handle Wrenches

Tomahawk Wrench Three Socket

Original triple-socket TOMAHAWK.
 $\frac{1}{2}$, $\frac{5}{8}$, $\frac{5}{8}$ in. Length 9 in. No. 1620—\$60.

$\frac{9}{16}$, $\frac{11}{16}$, $\frac{11}{16}$ —Length 9 in.
 No. 1625—\$75



Offset Wrench Two Socket

Popular sizes for bearing and engine work. $\frac{9}{16}$ in. and $\frac{3}{4}$ in. hex. Length 9 in. No. 2418—\$55.

Offset Wrench Three Socket

$\frac{11}{16}$, $\frac{7}{8}$, $\frac{15}{16}$ in. hex. Length 10 $\frac{1}{2}$ in. No. 5660—\$70.

Offset Wrenches Two Socket

$\frac{3}{4}$ and $\frac{7}{8}$ in. hex. Length 9 in.

No. 390—\$1.10

$\frac{1}{2}$ and $\frac{5}{8}$ in. hex. Length 8 in.

No. 391—\$1.10

$\frac{5}{8}$ and $\frac{3}{4}$ in. hex. Length 10 in.

No. 856—\$75

$\frac{7}{8}$ and $\frac{13}{16}$ in. hex. Length 10 in.

No. 392—\$1.10

1 and $1\frac{1}{16}$ in. hex. Length 10 in.

No. 762—\$80

Offset Wrench Three Socket

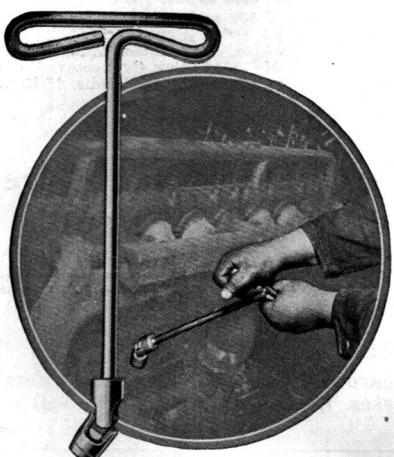
Sockets $\frac{9}{16}$, $\frac{1}{2}$, and $\frac{5}{8}$ in. hex. Length 9 in. No. 444—\$75.

Offset Wrench Four Socket

Sockets $\frac{1}{2}$, $\frac{9}{16}$, $\frac{5}{8}$, $\frac{11}{16}$ in. hex. Length 10 in. No. T-460—\$75.

Sockets $\frac{3}{4}$, $\frac{25}{32}$, $\frac{15}{16}$, $1\frac{1}{16}$ in. hex. Length 10 in. No. 393—\$1.15.

TEE-FLEX WRENCHES



Where the job calls for speedy work in cramped quarters, Walden-Worcester TeeFlex Wrenches are indispensable. Here is the rugged reliability of a Tee Handle Wrench with the added advantage of a universal joint built integral with the tool.

No.	Hex.	Prices	No.	Hex.	Prices
1016	$\frac{1}{2}$	\$1.50	1022	$\frac{11}{16}$	\$1.60
1018	$\frac{9}{16}$	1.50	1024	$\frac{3}{4}$	2.00
1020	$\frac{5}{8}$	1.60			

Tee-Handle Wrenches

"2700" Series

Shank 12 in. Handle 6 in.

No.	Hex.	No.	Hex.
2714	$\frac{7}{16}$	2722	$\frac{11}{16}$
2716	$\frac{1}{2}$	2724	$\frac{3}{4}$
2718	$\frac{9}{16}$	2725	$\frac{25}{32}$
2719	$\frac{19}{32}$	2726	$\frac{13}{16}$
2720	$\frac{7}{8}$	2728	$\frac{7}{8}$

2714 to 2728—\$.45 each



Speed Wrenches

"6000" Series

Shank 10 $\frac{3}{4}$ in. long

No. 6014	$\frac{7}{16}$	\$.60
No. 6016	$\frac{1}{2}$	.60
No. 6018	$\frac{9}{16}$	.60
No. 6019	$\frac{19}{32}$	.60
No. 6020	$\frac{5}{8}$	.60
No. 6022	$\frac{11}{16}$	.60
No. 6024	$\frac{3}{4}$	.60
No. 6028	$\frac{7}{8}$	.60

"6200" Series

Shank 20 in.

No. 6216	$\frac{1}{2}$	\$.90
No. 6218	$\frac{9}{16}$	.90
No. 6220	$\frac{5}{8}$	.90
No. 6222	$\frac{11}{16}$	.90

"6600" Series

Shank 6 in.

No. 6064	$\frac{1}{2}$	\$.60
No. 6072	$\frac{9}{16}$	.60

"L" Type Two-Socket

No. 396—\$.50 Shanks 4 in. x 4 in.— $\frac{3}{8}$ in. and 7/16 in.

No. 395—\$.40 Shanks 4 in. x 4 in.— $\frac{1}{2}$ in. and 9/16 in.

No. 852—\$.65 Shanks 8 in. x 8 in.—7/16 in. and $\frac{1}{2}$ in.

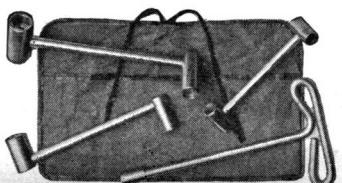
No. 752—\$.50 Shanks 8 in. x 8 in.—9/16 in. and 11/16 in.

No. 394—\$.55 Shanks 8 in. x 8 in.— $\frac{3}{8}$ in. and $\frac{7}{8}$ in.



Car Owner Sets

Popular assortment of wrenches complete in canvas rolls.



No. 4—\$2.50. This set comprises four wrenches for use on the following cars: Buick, Chevrolet, Durant, Hupmobile, Lincoln, Oldsmobile. Contents: One each—2418, 5660, 395, 444.

No. 5—\$2.60. The five wrenches in this set have been carefully selected for use on the following cars: Cadillac, Chrysler, Dodge, Essex, Flint, Hudson, Jordan, Locomobile Junior, Maxwell, Nash, Oakland, Overland, Packard, Peerless, Pierce-Arrow, Rickenbacker, Willys-Knight, Wills-St. Claire.

No. 59—\$2.55. For Whippet Cars. Contents: One each—856, 856, 494, 5660.

No. 60—\$2.65. For Dodge Cars. Contents: One each—T-460, 856, 2716, 5660.

No. 61—\$2.65. For Chevrolet Cars. Contents: One each—T-460, 856, 2724, 5660.

No. 62—\$2.45. For Ford A Cars. Contents—One each T-460, 2418, 2716, 5660.

Aug.
1932

Printed
in
U.S.A.

WALDEN
WRENCHES

STEVENS
WRENCHES

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GRINDERS

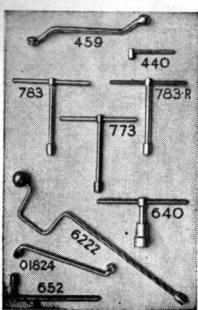
WALDEN
WRENCHES

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WALDEN-WORCESTER WRENCHES

For FORD Model "A"

Special Wrenches



For Model A transmission counter-shaft nut. 1 1/4 in. hex., shank 6 in. No. 640—\$2.25.

Flywheel Wrench
5/8 in. hex. offset—Special for Model A Flywheel Cap Screws. No. 652—\$.55.

Main Bearing Wrench
Double-broach swivel. 9/16 in. square and 3/4 in. hex. No. 01824—\$.25.

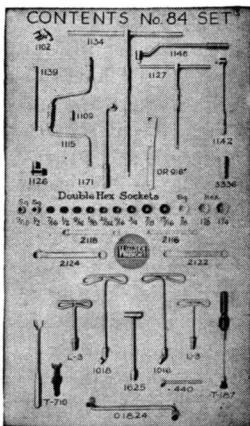
Cylinder Head Brace
Special for Model A—11/16 in. hex., 15 1/2 in. shank to clear hood. No. 6222—\$.90.

Directory of Wrenches for Ford "A" and "AA"

Part	Size Nut	Boxtite Wrenches	Interchangeable Sockets Pg. 6 Fixed Type Pg. 13	Pony Wrenches Page 7
Battery Cleats	9/16	2118	1018 (818-1127)	(4018-4026)
Bat terminals	5/8	486		
Bearings, main	3/4	2124	01824-773 (824-	
Body bolts	11/16	2122	1022 (822-1171)	
Brake Adjustments A&AA	7/16	459	440	
Bumpers	3/4	2124	(824-1171) 2418	
Carburetor	1/2	2116-485	494-	
Conn rod nuts	5/8		783 (820-1127)	
Conn rod nuts,	21/32		783R (821-1127)	
Crank Case	1 1/2			
Cylinder Head	11/16	2122	(822-1146) 1625	
Diff. Housing	9/16	2118-486	1625—(818-1142)	4041
Distrib. Coil	3/8			(4012-4030)
Exhaust Mani.	11/16	2122	(822-1127) 1625	4042
Fan Adj.	9/16	2118-486	2418 (818-1142)	4041
Fender Front	5/8	2112-484		(4012-4027)
Fender Bracket	5/8	2124	(824-1171) 2418	
Fly Wheel	5/8		652	
Housing	9/16	2118-485	2418 (818-1142)	(4018-4027) 4041
Generator Adj.	9/16	2118-485	2418 (818-1142)	4041 (4018-4027)
Gen. Pulley	1/2	2116-485	494 (816-1142)	4040
Horn Cover	3/8	2112-484		(4012-4030)
Intake Manif.	11/16	2122	(822-1127) 1625	4042
Licence Plate	3/8	2112		(4012-4027)
Motor Supports	3/4	2124	(824-1171)	
Muffler Sup.	9/16	2118-485	(816-1142), 1625	(4018-4027)
Oil Pump Plate	7/16	2114-484	(814-1142)	(4014-4030) 4040
Pinion Gear				
Housing	9/16	2118-485	(818-1125)	
Pinion Nut	15/16	2130	4230 5660	
Pitman Arm Nt	5/8	2120	(820-1142) 1620	
Rear Axle Nut "A"	15/16	2130	4230	
Rear Axle Nut "AA" 28-29	1 1/4		4240	
Rear Axle Nut "AA" 30-	1 3/4			
Shock Absorb.	9/16	2118	4256	
Spark Plugs	1 1/8		1018-1625	
Spindle Pivot	11/16	2122	(3336-1146) 1625	
Spring Clips Rpt.	7/8	2128	(822-1142) 1625	
Spring Clips Fpt.	3/4	2124	(828-1171) 390	
Spring Perch	15/16	2130	(824-1146) 390	
Spring Shackles	11/16	2122	(830-1142) 5660	
Starter Supt.	9/16	485	(822-1146) 1625	
Starter Switch	5/8	486	(818-916)	4041
Steering Arm	9/16	2118	1018	4041
Str. Gear Cover	7/16	2114	(814-1171)	4040
Studs	5/16 to 5/8		T401-1126	
Timing Gear Cover	9/16	2118	1625, 6018, 2418-(818-1115)	(4018-4025) 4041
Torque rod rear end	9/16	2124	(824-1171) 2418	
Trans. cover	1/2	2116-485	1016-(816-1127)	4040 (4016-4026)
Trans. Counter Shaft	1 1/4		640 (840-1127)	2716
Trans. Plug	9/16	2118-485	(118-1127)	4041
Universal Joint	9/16	2116-485	(816-1127)-1620	4040, 2716
Water Pump	9/16	2118-485	(818-1142)-1625	4041

Socket Set No. 84

A complete assortment of Walden-Worcester Wrenches for Ford service. Carefully selected with the assistance of Ford mechanics throughout the country to meet every wrench requirement on the new Ford. Sockets, Boxtite Wrenches, Special Wrenches for Ford—even Walden-Worcester Rubber Cupped Valve Grinder and the famous 2-piece Valve Lifter for Ford A.

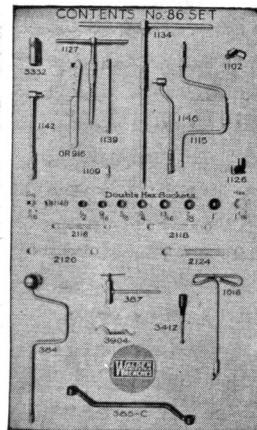


WALDEN-WORCESTER WRENCHES

For CHEVROLET 6 Cyl. Models

Socket Set No. 86

What a wonderful opportunity for a Chevrolet mechanic to equip himself with a set of real service tools. Here is a most careful selection of Walden-Worcester Wrenches to handle practically every service operation on 4 and 6 cylinder models of Chevrolet. Special tappet adjuster, special crank case screw driver, special main bearing wrenches — all these along with a complete set of sockets, handles, and Boxtite Wrenches. Equally useful on all other makes of cars. Beautiful light-blue heavy-gauge steel box with polished nickel trimmings.



Contents

One each of the following—	Sockets	Handles	Boxtites	Spec. Wrenches
	114	916	2116	384
	816	1102	2118	377
	818	1109	2120	387
	820	1115	2124	1016
	824	1126		3412
	826	1127		
	828	1134		
	832	1139		
	834	1142		
	3332	1146		

Above wrenches complete in blue enamel steel box, 20 x 6 1/4 x 5.
No. 86 Set complete \$29.50

Main Bearing and General Purpose Wrench for Chevrolet Six



DoubleHex. $\frac{3}{4}$ and $\frac{5}{8}$. Length 13 1/2". Deep cupped sockets that reach all main bearing nuts on 6 cyl. Chevrolet. Plenty of power and strength and easy to turn. These two socket sizes also fit many other nuts on the motor and chassis of 6 cylinder models. It's an all around Chevrolet wrench.

No. 377 \$1.80



For 4 cyl. models. Chrome Alloy Drop Forging. Heat treated, permitting necessary thinness to reach in and grip front, center, and rear main bearing nuts in their awkward placing.

Sizes $\frac{7}{16}$ in. and 13/16 in. DoubleHex. Length 13 1/2 in.

No. 385-C \$2.00

Prices Are Net to Dealer

DIRECTORY OF WRENCHES FOR CHEVROLET SIX

Part	Size Hex.	Boxtite Wrenches Page 20	Interchangeable Sockets Page 6. Fixed Handle Wrenches Page 13	Pony Sockets Page 7
Body to Frame	$\frac{5}{8}$ sq		(120-1171)	
Battery Cable	$\frac{5}{8}$	486		
Carburetor	$\frac{1}{2}$	485		
Camshaft Lock-plate	$\frac{9}{16}$	2118-486	(818-1127) 2418	(4018-4026)
Clutch Plate	$\frac{9}{16}$	2118-480	(818-1127) 2418	(4018-4026)
Connect'g Rod	$\frac{9}{16}$	2118	(818-1127)	
Cylinder Head	$\frac{3}{4}$	2124	(824-1146) 2418	
Valve Cover	$\frac{9}{16}$		(818-1115) 2418	
Ex. & In. Manifold	$\frac{9}{16}$			(4018-4029-4026)
Ex. Pipe Flange	$\frac{9}{16}$	2118-486	1018	4041
Fender to Body	$\frac{1}{2}$		(816-1119) 1016-	(4016-4029-4025)
Fender to Bracket	$\frac{7}{16}$ sq		(114-1125)	
Flywheel Hous.	$\frac{5}{8}$	2120	(820-1142) 1620	
Flywheel	$\frac{9}{16}$		(818-1139-1142)	
Front Axle				
Brake Pivot	$\frac{3}{4}$	2124	(824-1142) 2418	
Front Axle Spindle	$1\frac{1}{16}$		4234	
Gasoline Pump	$\frac{1}{2}$	485		
Generator Adj.	$\frac{1}{2}$	2116-485	(816-1142) 1620	(4016-4027) 4040
Gen. Pulley	$1\frac{15}{16}$	2130	(830-1142) 5660	
Head Lamp	$\frac{5}{8}$	2120	(820-1125) 1620	
Intake to Ex. Man.	$\frac{9}{16}$	2118-486	(818-1142) 2418	(4016-4027)
Main Bearing Front	$\frac{3}{4}$	377	(824-1146)	
Main Bearing Cen. & Rear	$\frac{5}{8}$	377	(820-1146)	
Main bearing 4Cyl. Mod.		385C		
Motor Support	$\frac{5}{8}$		(820-1171)	
Oil Pan	$\frac{1}{2}$		(816-1115)	(4016-4025)
Oil Pan Drain Plug	$\frac{3}{4}$	2124	(824-1125) 2418	404
Oil Pump	$\frac{7}{8}$	2128	(828-1142) 5660	
Piston Pin	$\frac{9}{16}$		(818-1122)	
Pump Packing Nut	1	2118-486	(818-1142) 2418	(4018-4027)
Rocker Arm Radiator	$\frac{9}{16}$		(820-1139-1111)	
Rear Axle House'g Cov.	$\frac{1}{16}$	2118	(818-1125) 2418	4041
Rear Axle Nut	$1\frac{1}{16}$		4234	

General Service Wrenches DISPLAY BOARD NO. 39

The wrenches in this selection are adapted particularly to service and repair operations on the following cars:

Chevrolet	Nash
Buick	Star
Chrysler	Peerless
Durant	Lincoln
Ford	Studebaker
Hupmobile	Oldsmobile
Willys-Knight	Oakland
Packard	Overland
Dodge	Reo
Essex	Jordan
Hudson	

Display Board, 6 x 2 ft., with three each of wrenches listed. Total of 39 wrenches. Wrenches, hooks, and board packed for shipment, 94 pounds.

Contents

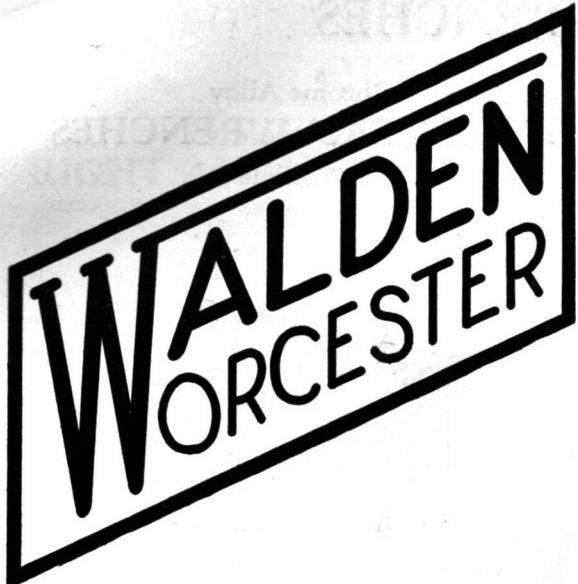
Three each of following numbers:
Nos. 395, 444, 494, 856, 1018, 1020, 2418, 2716, 2718, 2724, 5660, 6016, 6018.

Board Free to purchasers of the above assortment.

No. 39 Board complete with 39 wrenches

\$27.75 Dealer Net





Manufactured by
STEVENS - WALDEN
 INCORPORATED
 WORCESTER, MASS., U. S. A.
 Cable Address—STEVENSATIC

OPEN END WRENCHES and BOXTITE WRENCHES

PRICE LIST and INDEX											
No.	Price	Page	Units in a Carton	No.	Price	Page	Units in a Carton	No.	Price	Page	Units in a Carton
377	\$1.80	20	5	1029-A	.75	18	5	2029-A	\$1.00	19	5
385-C	2.00	20	5	1034-A	1.65	18	5	2100	9.05	20	1
459	1.80	20	5	1709	4.50	18	1	2101	35.30	20	1
481	.75	20	5	1711	5.80	18	1	2102	14.90	20	1
482	.75	20	5	1712	11.25	18	1	2112	1.05	20	5
483	1.50	20	5	1723	.45	18	5	2114	1.05	20	5
484	.90	20	5	1725	.55	18	5	2116	1.15	20	5
485	1.00	20	5	1725-A	.55	18	5	2118	1.20	20	5
486	1.15	20	5	1725-B	.55	18	5	2120	1.30	20	5
487	3.30	20	1	1727	.70	18	5	2122	1.35	20	5
951	217.25	17	1	1729	.75	18	5	2124	1.45	20	5
971	4.80	19	1	1731-A	1.15	18	5	2128	1.70	20	5
972	6.60	19	1	1735	1.65	18	5	2130	1.85	20	5
975	.70	19	5	1900	2.80	19	1	2132	1.95	20	5
976	.70	19	5	1914	.35	19	5	2703	3.70	19	1
977	.75	19	5	1915	.35	19	5	2725-C	.55	19	5
978	.75	19	5	1916	.35	19	5	2727	.70	19	5
979	.80	19	5	1920	.40	19	5	2731-A	1.10	19	5
980	.80	19	5	1924	.50	19	5				
981	.90	19	5	1928	.50	19	5				
982	.90	19	5								
1025	.55	18	5								
027-A	.70	18	5								
029	.75	18	5								

Prices Are Net to Dealer, Effective Feb. 1932,
Subject to change without notice.

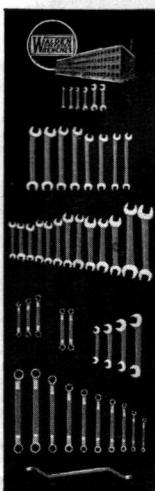
STOCK DISPLAY BOARD

No. 951 Display Board

A complete display stock of Walden-Worcester, Chrome-Alloy, Open-End and Boxtite Wrenches.

Blue enamel, steel surfaced board with steel hooks. Size 22x69.

The board is furnished free to purchasers of complete No. 951 Display assortment of wrenches.



No. 951 Display Board

Contents

Five Each of the Following Wrenches	18
13 Engineers Wrenches listed on Page	18
4 Right Angle Wrenches listed on Page	19
8 Tappet Wrenches listed on Page ..	19
6 Electrical Wrenches listed on Page .	19
10 Boxtite Wrenches (single offset pattern) Page ..	20
3 Boxtite Wrenches (Short pattern)...	20
2 Valve Stem Wrenches ..	20
1 Boxtite Wrench (Double Offset long Pattern) ..	20

47x5=235 Wrenches
Catalogued Price of Wrenches ... \$217.25
Display Board free

Total Dealer Net Price No. 951
Display \$217.25

STEVENS
WALDEN
INC.
WORCESTER
MASS.

Aug.
1932

Printed
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WALDEN
WRENCHES

STEVENS
TOOLS & TOOLS

HUTTO
GRINDERS

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OPEN END WRENCHES

Chrome Alloy

ENGINEERS' WRENCHES

15° Angle



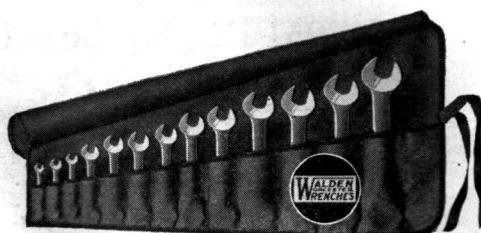
Slender, well balanced wrenches of the most improved design. Beautiful and rustproof Udylite Plating. Handles appear like frosted silver, while the heads are polished to a mirrorlike finish.

Look for the mark of strength—"CHROME ALLOY" on every wrench. Guaranteed to strip the thread or break any standard bolt.

Stock No.	Openings (Inches)	Dealer Net Price	Length	Thickness Heads
1723	5/8 & 7/16	\$.45	5 1/2	7/32
1725	7/16 & 1/2	.55	5 1/2	15/64
1725-A	7/16 & 9/16	.55	5 1/2	15/64
1725-B	1/2 & 9/16	.55	6 1/2	1/4
1025	1/2 & 19/32	.55	6 1/2	1/4
1727	9/16 & 5/8	.70	7	9/32
1027-A	5/8 & 11/16	.70	7 1/2	5/16
1729	5/8 & 3/4	.75	7 1/2	5/16
1029	11/16 & 25/32	.75	8	11/32
1029-A	11/16 & 19/32	.75	8 3/4	11/32
1731-A	3/4 & 7/8	1.15	8 3/4	11/32
1034-A	15/16 & 1 1/16	1.65	11	15/32
1735	1 & 1 1/8	1.65	11	15/32

OPEN END WRENCHES

Set No. 1712
13 Wrenches



This set contains one each of the thirteen wrenches listed above. A complete assortment of openings from $\frac{5}{8}$ " to $1\frac{1}{8}$ " to fit all U. S. S., S. A. E. and Amer. Std. Nuts, bolts, and cap screws that come within the range of these sizes.

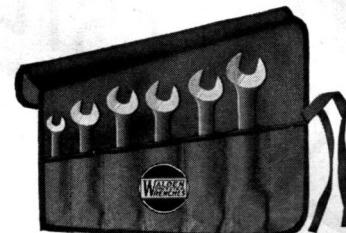
Wrenches only \$10.75
Set No. 1712 complete in leatherette roll \$11.25

Chrome Alloy ENGINEERS' WRENCHES

15° Angle

Set No. 1709

6 Wrenches



Six popular wrenches from $\frac{5}{8}$ " to $\frac{7}{8}$ " openings for all S. A. E. nuts and cap screws from $\frac{1}{4}$ " to $\frac{13}{16}$ ". One each of Nos. 1723, 1725, 1725-B, 1727, 1729, 1731-A.

Wrenches only \$ 4.15
Set No. 1709 complete in leatherette roll \$ 4.50

OPEN END WRENCHES

Set No. 1711

8 Wrenches



Eight Wrenches from $\frac{5}{8}$ " to $\frac{7}{8}$ " opening. For all S. A. E. nuts and cap screws from $\frac{1}{4}$ " to $\frac{13}{16}$ ". Also takes U. S. S. nuts from $\frac{1}{4}$ " to $\frac{5}{8}$ " and U. S. S. cap screws from $\frac{1}{4}$ " to $\frac{5}{8}$ ". One each of Nos. 1723, 1725, 1725-B, 1025, 1727, 1729, 1029, 1731-A.

Wrenches only \$ 5.45
Set No. 1711 complete in Leatherette Roll \$ 5.80

Chart of Nut and Bolt Sizes

Wrench Openings	Standard Bolt or Screw Diameters			
	S. A. E. Nuts and Cap Screws	U. S. Standard Nuts	Hex. Head Cap Screws	American Standard Nuts
5/8			3/16	1/4
7/16	1/4		1/4	5/16
1/2	5/16	1/4	5/16	5/8
9/16	5/8		5/8	5/16
19/32		5/16	7/16	5/8
5/8	7/16	5/8	7/16	7/16
11/16		5/8		
3/4	1/2		1/2	3/2
25/32		1/2		
15/16		1/2		
7/8	9/16	1/2	9/16	9/16
15/16	5/8	5/8	5/8	5/8
1	11/16		3/4	3/4
11/16	3/4	5/8		
1 1/8			7/8	7/8

STEVENSON,
WALDEN,
INC.,
WORCESTER,
MASS.

Aug.
1932

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WALDEN
WRENCHES

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WALDEN-WORCESTER OPEN END WRENCHES

Chrome Alloy RIGHT ANGLE WRENCHES



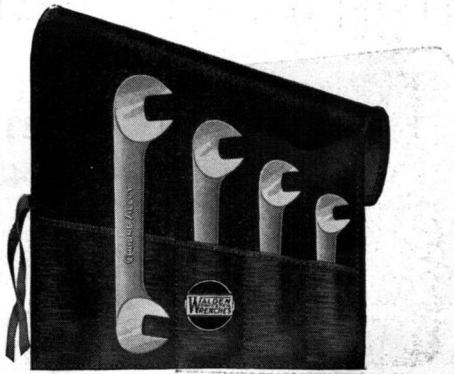
82 1/2° Angle

Jaws set at 82 1/2 degree angles from the shank. The ideal close-quarter wrench to clear all manner of obstructions.

Both openings turn in the same direction so that palm of hand rests snugly against back of wrench. Enormous pull without cutting into your hand.

Permanent Udylite Plate—frosted shanks and highly polished heads.

No.	Openings	Dir. Net Price	Ex-treme Lgth.	Thick-ness Heads	For U.S.S. Nuts Bolt Size	For U.S.S. Hex. Cap Scrs. Diam.	For S.A.E. Nut and Cap Srs. Bolt Diam.
2725-C	7/16 & 1/2	\$.55	5 1/2	15 1/4	1/4	1/4 & 5/16	1/4 & 5/16
2727	9/16 & 5/8	.70	6 1/2	9 1/2	5/8 & 5/16	5/8 & 5/16	
2029-A	11/16 & 13/16	1.00	7 1/4	320	5/8	11/16	
2731-A	3/4 & 7/8	1.10	9 1/4	15 1/4	3/2	3/2 & 5/8	3/2 & 5/8



Right Angle Set No. 2703

A set of one each of the four Right-Angle Wrenches listed above. Eight of the most needed sizes from 1/8" to 7/8".

Wrenches only \$3.35
Set No. 2703 Complete in Leatherette roll \$3.70

ELECTRICAL WRENCHES



**15° - 82 1/2° Angle
Chrome Alloy**

Miniature wrenches. Same size both ends—one opening offset the other at right angles. Can't be beat for reaching the tiny nuts in ignition and electrical work. Permanent Udylite Plate—frosted shanks and highly buffed heads.

No.	Openings	Dealer Net Price	Extreme Length	Thickness Heads
1914	7/32	\$.35	3 1/8	7/16
1915	15/64	.35	3 1/8	7/16
1916	1/4	.35	2 1/8	7/16
1920	5/16	.40	3 1/8	140
1924	3/8	.50	3 3/4	1/2
1928	7/16	.50	3 3/4	5/8

ELECTRICAL SET No. 1900

Six wrenches 7/32" to 7/16" as listed above. A complete set for ignition work on popular electrical systems.

7/32" for Delco points; 15/64" for Bosch Auto Lite; 1/4" & 5/16" for Remy and others; 5/8" & 7/16" for general electrical service.

Wrenches only \$2.45
Set No. 1900 complete in leatherette roll. Dealer Net \$2.80



Chrome Alloy TAPPET WRENCHES



Most improved tappet wrench design. Very thin wrenches with semi-pear-shaped heads. Maximum clearance combined with unusual strength. Just the correct length to clear hot manifolds when making running tappet adjustments.

One end straight the other jaw offset at 15 degrees. Made in pairs, same openings at opposite ends. This most popular combination offers a complete range of easy operations with the least number of wrenches. Cadmium Plate by the Udylite Process. Beautifully buffed head with frosted shanks.

No.	Size Openings		Dealer Net Price	Extreme Length	Thickness Heads
	Straight End	Angle End			
975	1/4	7/16	\$.70	8	11 1/4
976	1/4	7/2	.70	8	11 1/4
977	5/8	7/16	.75	8	5/8
978	5/8	5/8	.75	8	5/8
979	3/4	11/16	.80	9	13 1/4
980	11/16	3/4	.80	9	13 1/4
981	7/8	13/16	.90	9	7/8
982	15/16	7/8	.90	9	7/8



Tappet Set No. 971

Six wrenches to adjust the tappets of practically all passenger cars and many trucks.

Numbers	Openings
975 and 976	7/16" and 1/4"
977 and 978	9/16" and 5/8"
979 and 980	11/16" and 3/4"

Wrenches only \$4.50
Set No. 971 complete in Leatherette Roll. Dealer Net \$4.80



Tappet Set No. 972

Set of eight wrenches with eight pair of different openings for most all passenger cars and trucks including the larger tappets.

Numbers	Openings
975 and 976	7/16" and 1/4"
977 and 978	9/16" and 5/8"
979 and 980	11/16" and 3/4"
981 and 982	13/16" and 7/8"

Set No. 972 complete in Leatherette Roll. Dealer Net \$6.60
Wrenches only \$6.80



STEVENS
WALDEN
INC.
WORCESTER,
MASS.

Aug.
1932

Printed
in
U.S.A.



WALDEN-WORCESTER BOXTITE WRENCHES

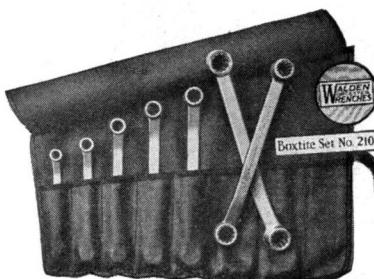
Chrome Alloy SINGLE-OFFSET BOXTITE DoubleHex Box Type Same Size Opening Both Ends



The latest refinement in wrenches combining speed, safety, strength and convenience. One end offset with tapered cup to reach nuts in deep recesses. Thin narrow head on other end easily clears obstructions above the nut. Accurately double broached same size both ends, to fit all popular size hex. nuts.

Chrome Alloy Drop Forged. Specially heat treated to give unequalled strength and toughness. Permanent Udylite Finish.

No.	Hex. Opening	Length	Dealer Net Price
2112	5/16	5	\$1.05
2114	7/16	6	1.05
2116	1/2	6 1/2	1.15
2118	9/16	7 1/2	1.20
2120	5/8	8 1/2	1.30
2122	11/16	9	1.35
2124	3/4	10	1.45
2128	7/8	11	1.70
2130	13/16	12	1.85
2132	1	12	1.95



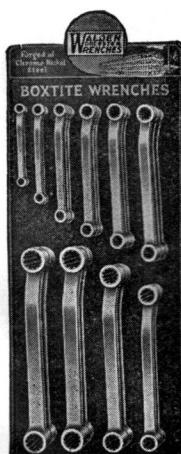
BOXTITE
SETS

No. 2100—An assortment of seven popular Boxtite Wrenches for hex nuts $\frac{5}{16}$ " to $\frac{3}{4}$ "; one each of Nos. 2112, 2114, 2116, 2118, 2120, 2122 and 2124 in a durable blue leatherette roll.

Wrenches only \$8.55
No. 2100. Set complete in roll. Dealer Net .. \$9.05

No. 2102—One each of 10 wrenches, 2112, 2114, 2116, 2118, 2120, 2122, 2124, 2128, 2130, 2132.

Wrenches only \$14.05
No. 2102. Set complete in roll. Dealer Net .. \$14.90



BOXTITE DISPLAY
No. 2101

A beautifully blue enameled steel counter display of Single-Offset Boxtite Wrenches that brings these popular items in full view of the customer. Twenty-six wrenches—3 each Nos. 2112, 2114, 2116, 2118, 2120, 2124; 2 each Nos. 2122, 2128, 2130, 2132. Size 12x8x25 in. Display free to purchasers of this assortment.

No. 2101. Display with wrenches. Dealer Net \$35.30

Chrome Alloy SHORT BOXTITE WRENCHES Double Offset DoubleHex Different Openings Each End



Small wrenches of the Boxtite pattern. Short handles that fit the palm of the hand. For free turning in limited space. Thin-wall openings offset to reach deep seated nuts. Two popular sizes on each wrench. Handy for generators, carburetors, universal joints, water pumps and all the small nuts on motor work. Permanent Udylite Finish.

No.	Hex. Opening	Dealer Net Price	Extreme Length	For U.S.S. Nuts Bolt Size	For U.S.S. Hex. Cap Screws Screw Diam.	For S.A.E. Nuts & Cap Screws Bolt Size
484	5/16 & 7/16	\$.90	4 5/16		5/16 & 1/4	1/4
485	7/16 & 9/16	1.00	4 11/16	1/4	5/16 & 5/8	5/16 & 5/8
486	11/16 & 5/8	1.15	5 1/8	5/8 & 1/16	5/8 & 1/16	5/8 & 1/16



BOXTITE
SET

No. 487

One each of the above wrenches, Nos. 484, 485, & 486.

Wrenches only \$3.05

Set No. 487 complete in Leatherette roll. Dealer Net.. \$3.30

Double Offset Long Boxtite For Chevrolet Main Bearings



DoubleHex, Chrome-Alloy forgings. Cupped sockets. Length 13 1/2".

No. 377 5/8 and 3/4 DoubleHex \$1.80

No. 385-C 13/16 and 7/8 DoubleHex 2.00

No. 459 11/16 and 1/2 DoubleSquare 1.80

Valve Stem Wrenches

Set No. 483



Designed especially to set the valve stem nut firmly. A simple and certain means of stopping leakage at base of valve stem. Set consists of two wrenches, No. 481—5/8" Doublehex, 7/16" oval; No. 482, 9/16" Doublehex, 1/2" Oval. This combination of sizes fits all nuts and valve stems.

No. 483 set \$1.50



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STEVENS TOOLS

CATALOG 117

FEBRUARY 1932

STEVENS WALDEN

INCORPORATED

WORCESTER, MASS., U. S. A.

Cable Address—STEVENSATIC

PRICE LIST AND INDEX—TOOLS AND BOXES

Effective February 1932

Prices subject to change without notice

Stock No.	Dealer Net Price	List Price	Units in a Carton	Page	Stock No.	Dealer Net Price	List Price	Units in a Carton	Page	Stock No.	Dealer Net Price	List Price	Units in a Carton	Page
BX20	3.75	5.00	1	29	T177	1.75	2.36	1	28	T636B	2.25	3.00	1	26
BX25	6.50	8.68	1	29	T178A	1.50	2.00	1	28	T636½B	2.50	3.36	1	26
26-S	1.85	2.85	1	34	T178R	3.00	4.00	1	28	T637B	2.50	3.36	1	26
BX27	2.00	2.68	2	29	179	.60	.93	5	35D	T638B	2.25	3.00	1	26
27-S	4.25	6.54	1	34	T187	.50	.68	12	27	T639B	2.25	3.00	1	26
BX30	7.50	10.00	1	29	189	1.00	1.54	5	35D	T640B	2.50	3.36	1	26
BX40	14.50	19.32	1	..	190	6.00	8.00	1	27	T641B	2.25	3.00	1	26
T44	1.00	1.36	1	28	194	6.00	9.25	1	35D	T642B	2.25	3.00	1	26
BX51	18.00	24.00	1	..	195	6.00	9.25	1	35D	T643A	2.50	3.36	1	26
T100	20.00	26.68	1	25	196	4.00	6.15	1	35D	T643B	2.50	3.36	1	26
T101A	3.10	4.16	1	25	197	4.00	6.15	1	35D	T644B	2.25	3.00	1	26
T101B	3.10	4.16	1	25	198	4.00	6.15	1	35D	T645B	2.50	3.36	1	26
T101C	3.10	4.16	1	25	T240	2.00	2.68	2	28	T648B	2.25	3.00	1	26
T101D	3.10	4.16	1	25	T241	2.00	2.68	2	28	T650B	2.25	3.00	1	26
T101E	3.10	4.16	1	25	T242	2.00	2.68	2	28	T652B	2.50	3.36	1	26
T101F	3.10	4.16	1	25	T286A	8.00	10.68	1	23	T654B	2.50	3.36	1	26
T101G	3.10	4.16	1	25	No. 1	1.00	1.36	1	24	T655B	2.50	3.36	1	26
T101H	3.10	4.16	1	25	No. 2	1.00	1.36	1	24	T656B	2.50	3.36	1	26
T101K	3.50	4.68	1	25	No. 3	1.00	1.36	1	24	T660B	2.50	3.36	1	26
T101L	3.50	4.68	1	25	No. 5	1.25	1.68	1	24	666	10.00	15.40	1	35E
T101M	3.50	4.68	1	25	No. 6	1.00	1.36	1	24	679	1.50	2.31	1	35C
T101N	3.50	4.68	1	25	No. 7	1.00	1.36	1	24	680	1.35	2.08	1	35C
T101O	3.50	4.68	1	25	T287	10.00	13.36	1	24	678	1.15	1.77	1	35C
T101P	3.50	4.68	1	25	299	1.50	2.00	5	29	690	9.25	14.25	1	35C
T101Q	3.50	4.68	1	25	T300	1.35	1.80	5	28	676	2.50	3.85	1	35C
T101R	3.50	4.68	1	25	T370	15.00	20.00	1	..	677	3.50	5.40	1	35C
T101S	3.50	4.68	1	25	T400	2.90	3.85	1	..	686	.75	1.16	1	35C
T101U	3.75	5.00	1	25	T404	4.15	5.50	1	..	682	1.00	1.54	5	35C
T101V	3.75	5.00	1	25	426S	8.20	12.60	1	34	683	1.00	1.54	5	35C
T101W	3.75	5.00	1	25	427S	18.95	29.20	1	34	684	1.00	1.54	5	35C
T103	40.00	53.36	1	25	428	174.72	269.00	1	35E	687	3.00	4.62	1	35C
T104	3.30	4.40	1	25	428S	7.35	11.30	1	34	685	1.50	2.31	5	35C
T105	3.30	4.40	1	25	429S	16.30	25.10	1	34	T704	9.00	12.00	1	26
T106	1.50	2.00	1	28	T438	2.05	2.76	1	27	T705	2.00	2.68	1	26
T113	1.00	1.36	1	28	T439	.40	.56	10	27	T706	2.00	2.68	1	26
T113A	1.00	1.36	1	28	T440	.35	.48	5	28	T707	2.00	2.68	1	26
T114	1.00	1.36	1	28	T441	.35	.48	5	28	T710	1.00	1.36	5	24
T114A	1.00	1.36	1	28	T442A	.35	.48	5	28	713	1.50	2.00	5	27
T115	5.00	6.68	1	28	T443	1.00	1.36	1	28	715	12.00	16.00	1	24
T116	.50	.68	1	28	T500	1.90	2.56	1	..	718	2.00	2.68	5	34A
T153	4.25	5.68	1	27	T564	1.85	2.48	1	28	722	4.00	5.38	1	34A
T153A	.75	1.00	5	27	586	2.00	2.68	1	24	723	2.00	2.68	5	34A
T153B	1.00	1.36	5	27	587	2.50	3.36	1	24	724	2.00	2.68	5	34A
T153C	1.25	1.68	5	27	588	3.00	4.00	1	24	T1500	2.10	2.80	1	41
T153D	1.25	1.68	5	27	597	.60	.80	1	27	T2871	10.00	13.36	1	24
T153E	1.50	2.00	5	27	598	.70	.96	1	27	7613	2.10	2.80	5	28
T153F	1.50	2.00	5	27	599	.75	1.00	1	27	7614	1.05	1.40	5	28
T153G	1.50	2.00	5	27	T629	32.00	42.68	1	26					
163	30.25	40.36	1	27	T630	12.00	16.00	1	26					
168	.65	1.00	5	35D	T632B	2.50	3.36	1	26					
169	.85	1.30	5	35D	T634D	2.25	3.00	1	26					

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PRICE LIST AND INDEX

Effective February 1932

Prices subject to change without notice

STEVENS REAMERS

Stock No.	Dealer Net Price	Units in a Carton	Page	Stock No.	Dealer Net Price	Units in a Carton	Page	Stock No.	Dealer Net Price	Units in a Carton	Page
2A	3.85	1	31	628E ¹ / ₂	3.60	1	31	990PE	9.85	1	30
3A	4.40	1	31	628E ⁹ / ₁₆	3.80	1	31	1000KBPE	13.00	1	31
3	22.50	1	35B	628E ⁵ / ₈	4.20	1	31	1047FPE	11.30	1	30
4A	4.40	1	31	628E ¹ / ₁₆	4.50	1	31	1047PE	10.95	1	30
4	12.87	1	35B	628E ³ / ₄	5.00	1	31	1062FPE	11.30	1	30
4SC	29.20	1	30	628E ¹ / ₁₆	5.50	1	31	1062PE	10.95	1	30
5WP	18.00	1	31	628E ⁷ / ₈	6.00	1	31	1093FPE	11.80	1	30
6FPE	50.65	1	30	647P ⁵ / ₁₆	1.70	1	31	1093PE	11.40	1	30
6PE	48.00	1	30	647P ² / ₁₆	1.70	1	31	1125FPE	12.40	1	30
6SC	48.10	1	30	647P ¹¹ / ₃₂	1.75	1	31	1125PE	11.85	1	30
7C	14.75	1	33	647P ² / ₃₂	1.75	1	31	1125SC	10.90	1	30
8C	32.10	1	33	647P ³ / ₈	1.80	1	31	1187FPE	13.45	1	30
8WP	27.50	1	31	647P ² / ₅	1.80	1	31	1187PE	12.80	1	30
9A	26.80	1	32	647P ¹ / ₃₂	1.90	1	31	1200	2.01	1	35A
9C	50.55	1	33	647P ⁷ / ₁₆	2.00	1	31	1210	..	1	35A
9FPE	82.95	1	30	668FPE	7.25	1	30	1220	..	1	35A
9PE	79.10	1	30	668PE	6.75	1	30	1240	2.01	1	35B
10A	48.25	1	32	687FPE	7.25	1	30	1500	33.15	1	33
11WP	46.80	1	31	687PE	6.75	1	30	3022 ¹ / ₂ FPE	8.00	1	30
12FPE	115.05	1	30	687SC	6.30	1	30	3022 ¹ / ₂ PE	7.50	1	30
12PE	110.10	1	30	730	2.50	1	33	A3034-5573	1.80	1	32
62	2.85	1	35B	730FPE	8.00	1	30	A3109	1.80	1	32
64	3.72	1	35B	730PE	7.50	1	30	A3109KBPE	10.50	1	31
70	3.21	1	35B	734	3.25	1	33	A3109P	3.60	1	32
72	2.37	1	35B	734-P	5.00	1	33	3125	1.30	1	33
76	2.70	1	35B	734KBP	7.70	1	31	3140	1.30	1	33
123P ⁵ / ₁₆	3.50	1	33	734KBPE	9.50	1	31	A3553	3.00	1	32
123P ² / ₅	3.50	1	33	735FPE	8.00	1	30	A3576BP	4.50	1	32
123PE ⁵ / ₁₆	3.50	1	31	735PE	7.50	1	30	A3576BPE	12.40	1	32
123PE ² / ₁	3.50	1	31	749KBPE	10.00	1	31	A6135	3.30	1	32
123PE ¹¹ / ₃₂	3.60	1	31	750FPE	8.00	1	30	A6135E	7.00	1	31
123PE ² / ₃	3.60	1	31	750KP	7.70	1	31	A6135FPE	10.25	1	30
123PE ³ / ₈	3.70	1	31	750PE	7.50	1	30	A6135P	3.60	1	32
123PE ² / ₅	3.70	1	31	750SC	6.85	1	30	A6135PE	9.85	1	30
123PE ¹³ / ₃₂	3.80	1	31	751	2.80	1	33	A6200	4.80	1	32
123PE ⁷ / ₁₆	3.80	1	31	762	2.75	1	33	A6200E	13.50	1	32
H18I	2.40	1	33	803KBP	8.95	1	31	A6200P	6.00	1	32
H18IP	3.75	1	33	803KBPE	10.50	1	31	A6327-30P	30.00	1	32
T-266	8.67	1	35B	812FPE	8.60	1	30	A6500	1.80	1	32
351	1.35	1	35A	812PE	8.15	1	30	A6500X	2.40	1	32
353	.24	1	35A	812SC	7.00	1	30	A6503	1.71	1	36B
354	2.70	1	35A	843FPE	8.60	1	30	A6505	1.71	1	35B
500KBPE	7.50	1	31	843PE	8.35	1	30	6540	.60	1	31
530	2.25	1	33	850FPE	8.90	1	30	6541	.60	1	31
562KBPE	8.00	1	31	850PE	8.60	1	30	6542	.75	1	31
583	1.53	1	35B	860FPE	9.15	1	30	6543	.90	1	31
608 ³ / ₁₆	1.00	1	32	860PE	8.75	1	30	6544	1.05	1	31
608 ¹ / ₄	1.25	1	32	875	3.40	1	33	6545	1.20	1	31
608 ⁵ / ₁₆	1.35	1	32	875FPE	9.15	1	30	6546	1.35	1	31
608 ³ / ₈	1.40	1	32	875KB	9.75	1	31	A7143	2.30	1	32
608 ⁷ / ₁₆	1.55	1	32	875KBPE	11.50	1	31	A8520	2.00	1	32
608 ⁹ / ₁₆	1.70	1	32	875PE	8.75	1	30	A8520P	3.60	1	32
608 ⁹ / ₁₆	1.80	1	32	875SC	7.50	1	30	24077	2.75	1	33
608 ¹¹ / ₁₆	2.15	1	32	894	1.53	1	35B	24077P	4.00	1	33
608 ⁷ / ₈	2.80	1	32	917FPE	9.70	1	30	835801	37.60	1	33
608 ¹ / ₂	3.80	1	32	917PE	9.40	1	30	A	3.05	1	31
610V	22.80	1	35B	921P	5.50	1	33	B	3.05	1	31
611	2.40	1	33	921KBPE	12.25	1	31	C	3.20	1	31
617-A2	1.53	1	35B	925	3.50	1	33	D	3.20	1	31
617-B2	1.53	1	35B	937FPE	9.70	1	30	E	3.40	1	31
624	2.00	1	33	937PE	9.40	1	30	F	3.40	1	31
625FPE	6.45	1	30	968FPE	10.00	1	30	G	3.70	1	31
625KBPE	8.50	1	31	968PE	9.75	1	30	H	3.90	1	31
625PE	6.15	1	30	968SC	8.30	1	30	I	4.75	1	31
625SC	6.10	1	30	984FPE	10.25	1	30	J	5.40	1	31
628E ³ / ₈	3.10	1	31	984PE	9.85	1	30	K	6.75	1	31
628E ⁷ / ₁₆	3.50	1	31	990FPE	10.25	1	30				

Other Stevens Walden products listed as follows:

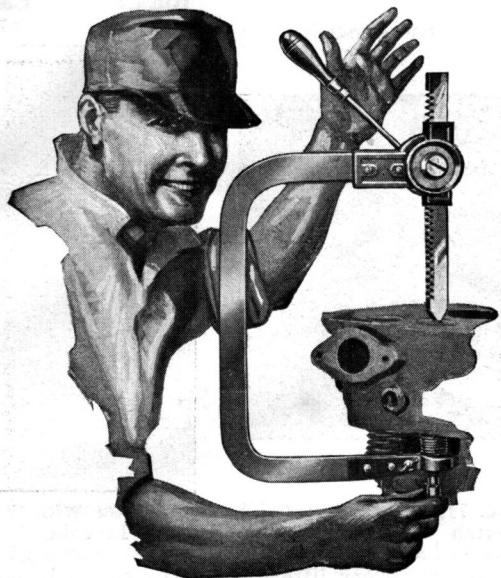
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Stevens Twist Drills..... Page 34

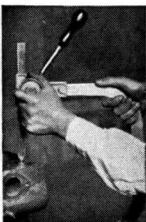
Stevens Automotive Supplies..... Pages 41 to 44

STEVENS VALVE LIFTER

No. T-286-A



It's all in the Friction Clutch. This feature makes it truly the "master" valve lifter. It holds the spring in a grip that is at once positive yet easily movable by the lever. Both hands are free to work. No fuss—No cuss—No smashed fingers—No valve keys dropped in the crank case.

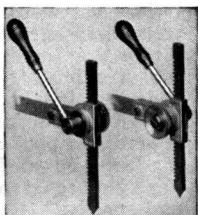


One turn of the big knurled nut adjusts the friction clutch for any strength of spring.

two-piece split keys. With fingers of one hand keys are held while lever is smoothly lowered with other hand.

The jaws of the Stevens Valve Lifter are now made of **Chrome Vanadium Steel**. Unbreakable—even on the most stubborn springs.

The rack and pinion housing of the Stevens Lifter is reversible so that the lever can be placed on the right or left side of the lifter to suit the preference of the user.

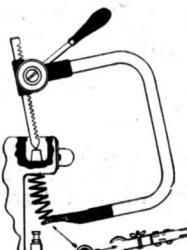


Hand lever can be readily shifted to right or left side of lifter. Simply reverse rack and pinion housing.

No. T-286-A with straight jaws only \$8.00

Prices Are Net to Dealer

Special Features of T-286-A

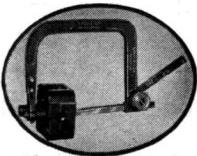


Place spring seat washer in cup of valve lifter jaws.

Insert spring without use of spring clips. Note how lifter rack rests in top of valve guide. Release friction clutch when performing this operation.

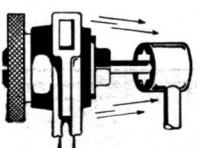
Stevens Walden Engineers foresaw the trend to the two-piece split-collar type of valve spring lock and made a lifter that would compress and release a spring with only one hand—at the same time holding the spring locked in any attained position.

This feature obviates the necessity of any special catcher or inserter for the split keys—as the hands are free to remove or replace them.



Works equally well on overhead valve motors such as Buick, Marmon, Nash, Chevrolet, Hall-Scott, White Bus, etc.

Lifter construction gives a firm purchase. This purchase is missing on scissors-type lifters. Ideal for work on new Viking.



The lever itself is built on a ratchet principal so that, in close quarters, it need only be operated through a small arc. It is easily disengaged by pulling it out from the friction head.



When spring is set too low to reach with lifter place jaws of lifter around coils of the spring itself. It is not necessary to get the jaw under spring seat washer.

No. T-286-A \$8.00

with straight jaws only

Prices are Net to Dealer

T-286-A continued on next page



STEVENS VALVE LIFTERS—Continued

No. T-286-A continued

Almost without exception the universal Model T-286-A of the Stevens Valve Lifter can be used on all cars. However, in order to get more positive and faster action on certain cars, it is advisable to use the special jaws and frames as indicated.

For Buick—No. T-286-A. Authorized for 1930 Marquette. Also used on all overhead models.

For Chrysler—No. T-286-A plus No. 7 Jaw. This is the lifter used in Chrysler Service School for all models, including De Soto, Plymouth and Fargo Trucks.

For Dodge—No. T-286-A plus No. 7 Jaw. Fits all models of Dodge, including last valve on Senior Six (with tappet assembly removed). Authorized tool in the Dodge Service Manual.

For Federal Truck—No. T-286-A plus No. 7 Jaw. Authorized in Federal Truck Service Manual.

For Graham-Paige—No. T-286-A plus No. 7 Jaw, as described in Graham-Paige Service Manual.

For Marmon—No. T-286-A. Authorized tool in Marmon Service Manual. Equally good on overhead valves of Buick, Marmon, Nash, Chevrolet, Hall-Scott, White Bus.

For Oakland and Pontiac—No. T-286-A. Authorized by Oakland Service Department.

For Reo-Flying Cloud, Wolverine, Peerless and many Continental Motors use T-286-A plus No. 7 Jaw.

For Studebaker—No. T-286-A plus No. 7 Jaw for all models. Use No. 5 adapter with No. 7 Jaw for Dictator—tappet assembly removed.

Extra Jaws for T-286 & T-286-A

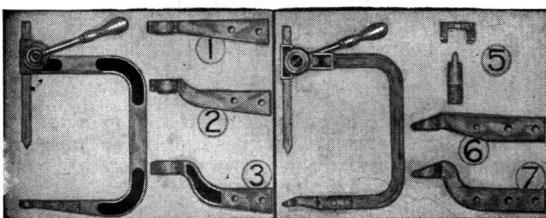
NOTE—All jaws for the Stevens Valve Lifter are now supplied in Chrome Vanadium Steel. This indestructible steel prevents breakage or damage on the strongest of valve springs.

T-286

Early Type—Frame and Gear Housing—one unit

T-286-A

Late Type—Separate Gear Housing, Interchangeable Frames



No. 1—Standard Jaws, T-286 Pair \$1.00

No. 2—Offset Jaws, T-286 Pair \$1.00

No. 3—Jaw — Dodge Senior and Reo-Flying Cloud \$1.00

No. 5—Adapter for Studebaker Dictator only, with key splitter. Must be used with No. 2 Jaws \$1.25

No. 6—Standard Jaws, T-286-A Pair \$1.00

No. 7—Offset Jaws, T-286-A Pair \$1.00

Fits—Dodge Senior, Reo-Flying Cloud, Wolverine. Many other Continental Motors

No. 5—Adapter for Studebaker Dictator only, with key splitter. Must be used with No. 7 Jaw \$1.25

Interchangeable Frames for T-286-A

No. 586—Frame only as used on T-286-A, 10" deep, 12" high \$2.00

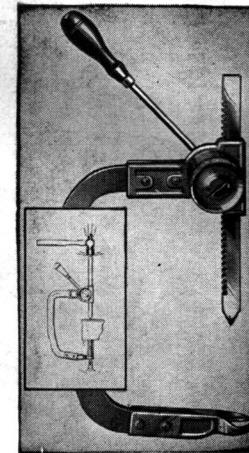
No. 587—Frame only as used on T-287, 12" deep, 14½" high \$2.50

No. 588—Frame and jaw only, as used on T-2871 \$3.00

Special Valve Lifters

for Cadillac LaSalle
No. T-2871

for Lincoln
No. 715



No. 715—Special model Stevens Lifter with friction clutch control for all models of Lincoln. Quickly reaches every valve. Saves hours on a valve job. Two jaws with every lifter. Small jaw for early models, large jaw for larger springs on recent models.

This tool not recommended for jobber stock. Order through your jobber for prompt delivery from factory.

No. 715 \$12.00

No. T-2871—Authorized Cadillac Lifter. This is the same lifter we manufacture for the Cadillac factory. Same Stevens friction clutch control.

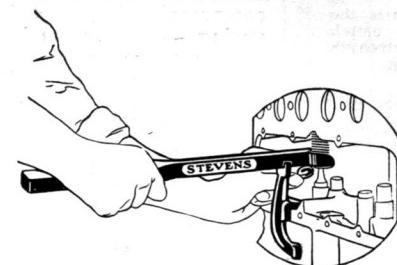
NOTE—Insert shows method of striking lifter with hammer when under pressure to release frozen collars.

T-2871 for Cadillac \$10.00

No. T-287—Large size frame, 14½" clearance height, 12" depth. Special for Mack Bulldog and marine engines. Stevens friction clutch control.

No. T-287 \$10.00

Stevens Valve Lifter No. T-710 for Ford Model "A"



The last word in valve lifters for Ford Model "A" passenger car and Ford Model "AA" truck. Absolutely the fastest and most practical lifter for the job. A valve lifter in its simplest form. Two pieces. A drawn steel lever with forked end to conform to the coil in the spring. The lever rests on a fulcrum or "parrot-shaped" attachment which conveniently grips the lower edge of the valve spring chamber. The simplicity of construction is just what makes it so sure and speedy.

Will not injure the spring. That's why the Stevens Model "A" Lifter for Fords does the job so well. Instead of gripping a small portion of the spring and squeezing it to distortion, it takes hold of the base of the spring and compresses the whole spring evenly.

Note in the illustration how solidly the lever grips the base of the spring and how easily the split collar slides on the valve stem. Lots of room to work and not a chance to slip.

No. T-710 \$1.00

Prices Are Net to Dealer



STEVENS CONNECTING ROD ALIGNER



The worries and uncertainties of piston alignment are eliminated for all time by the Stevens Aligner.

It insures a quick, easy, positive check-up on the entire piston assembly. Not on one part but on every part.

The "Sea Lion" squares up the pin and upper rod perfectly. It also detects bends and twists in the rod, when applied, as shown in the two illustrations on this sheet.

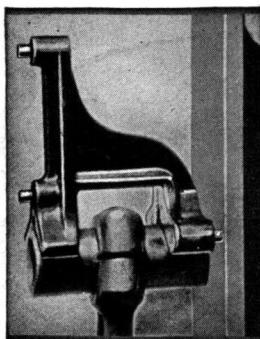
By sighting the assembled piston in vertical position against the highly machined surface of the Aligner, you can instantly detect the slightest discrepancy in vertical alignment. Then by tilting the piston against the machined surface from side to side, the least twist in the rod can be quickly detected. Tapered pistons are checked on both sides by getting same feeler gauge readings.

Note convenient clamp for quick adjustment or change of arbors.

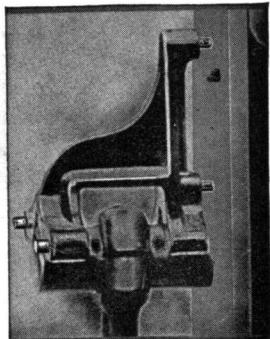
The Centering Gauge makes it certain that the lower part of the rod and bearings are true to the axis of the cylinder, so that the entire assembly lines up perfectly.

T-100—Universal Model, with one Arbor and large "Sea Lion" Indicator \$20.00
 Note—T-100 supplied with 2" arbor unless other size is specified.
T-103—Universal Model, with No. T-105, large "Sea Lion" Indicator and eight Arbors, 1½", 1⅓", 1⅔", 1⅔", 2", 2⅓", 2¼" and 2⅔". Price \$40.00

Sea Lion Indicators



The Sea Lion is shown for checking twists in connecting rod.



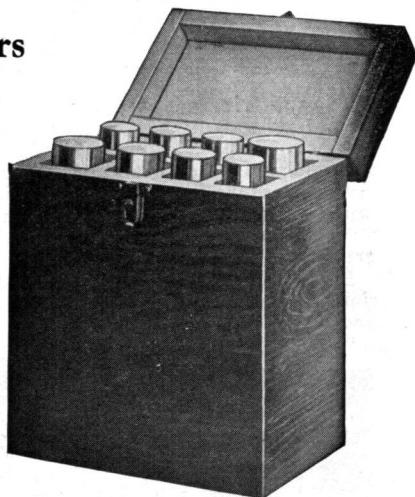
The Sea Lion is shown here correcting bend in connecting rod.

- T-104—Small "Sea Lion" (pistons to 2½") \$3.30**
T-105—Large "Sea Lion" (pistons 2½" and up) \$3.30

Arbors

Arbors are accurately ground to the thousandth of an inch. Each arbor is .002" oversize to insure a tight fit when aligning pistons or fitting a bearing.

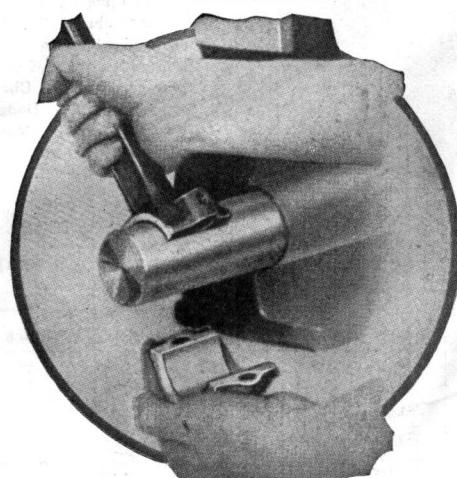
Metal container for 8 popular sizes of arbors in complete outfit No. T-103.



Stock No.	Diam.	Price	Stock No.	Diam.	Price	Stock No.	Diam.	Price
101-A	1 1/4	\$3.10	101-II	1 15/16	\$3.10	101-Q	2 5/16	\$3.50
101-B	1 1/2	3.10	101-K	2	3.50	101-R	2 3/8	3.50
101-C	1 5/8-1 1/2	3.10	101-M	2 1/8	3.50	101-U	2 1/2	3.75
101-D	1 1/8	3.10	101-N	2 5/16	3.50	101-W	2 5/8	3.75
101-E	1 1/4	3.10	101-P	2 1/4	3.50			
101-F	1 13/16	3.10						
101-G	1 7/8	3.10						

Note—101-C special for Chevrolet to 1928. Write for quotations on special sizes not listed.

See Pages 35 and 36 for Chart of Connecting Rod Diameters.



Connecting rod bearings are test-fitted and scraped on arbor. Assembled bearings can be test-fitted without taking apart.

Prices are Net to Dealer

STEVENS
WALDEN
INC.
WORCESTER,
MASS.

Aug.
1932

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U.S.A.

WALDEN
WRENCHES

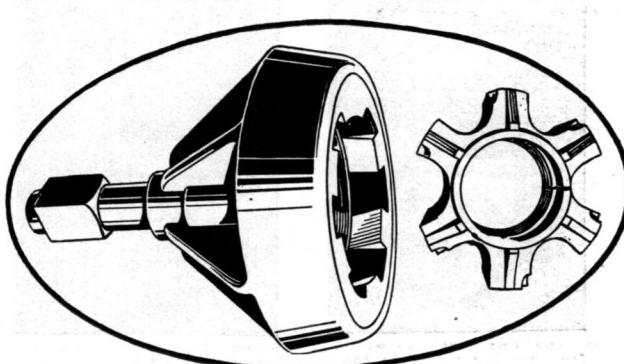
STEVENS
TOOLS & BOXES

HUTTO
GRINDERS

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STEVENS WHEEL PULLERS

Breech Lock Wheel Puller

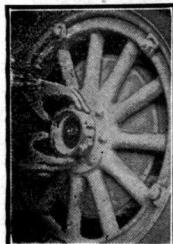


"Works Like a Breech-Loading Gun"

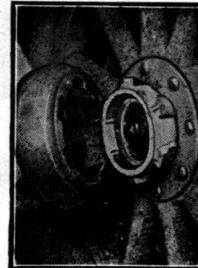
New "light-fitting" features of design. Slides on easily. No stripped or jammed hub threads. No slipping. No awkward castings to turn on the hub. Merely a convenient split-ring adapter to screw on. Slip the Breech-Lock Housing over it. A slight twist locks the unit and a turn of the jack screw pulls the wheel.

The split-ring adapters are built in different thread diameters and pitches to fit all standard hubs. The outer surface is tapered to fit a corresponding tapered surface of the Breech-Lock Puller Housing. When pressure is applied the wedging action of the taper causes the split-ring to contract around the hub threads. "The harder it pulls the harder it grips."

Super-strength combined with smooth, quick action. A highly practical shop tool for brake relining and wheel repair.



Left — applying split-ring collet or adapter to hub.



Right — heavy puller housing — slips on after split ring is on hub thread. Absolute protection of hub thread.



Set No. T-629

\$32.00

Fits almost every car in the shop. Popular size adapters to fit a hundred models of popular cars such as Chevrolet, Chrysler, Dodge, Essex, Hudson, Nash, Pontiac, Reo and Studebaker.

CONTENTS

Wheel Puller housing and nine popular size adapters, packed in a steel box, as follows—

No.	Diam.	Pitch	No.	Diam.	Pitch
T-634-D	2 $\frac{1}{8}$	24	T-642-B	2 $\frac{5}{8}$	16
T-636-B	2 $\frac{1}{4}$	16	T-644-B	2 $\frac{3}{4}$	16
T-638-B	2 $\frac{3}{8}$	16	T-648-B	3	16
T-639-B	2 $\frac{7}{8}$	16	T-650-B	3 $\frac{1}{8}$	16
T-641-B	2 $\frac{9}{16}$	16			

No. T-630 Puller Housing only \$12.00
Collets (above) \$2.25 each

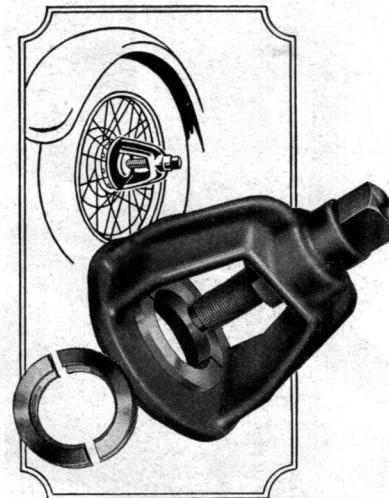
Extra Collets not in Set No. T-629 \$2.50 each

No.	Diam.	Pitch	No.	Diam.	Pitch	No.	Diam.	Pitch
T-632-B	2	16	T-643-A	2 $\frac{11}{16}$	14	T-654-B	3 $\frac{3}{4}$	16
T-634-B	2 $\frac{1}{8}$	16	T-643-B	2 $\frac{11}{16}$	16	T-655-B	3 $\frac{5}{16}$	16
T-636 $\frac{1}{2}$ -B	2 $\frac{9}{32}$	16	T-645-B	2 $\frac{13}{16}$	16	T-656-B	3 $\frac{1}{2}$	16
T-637-B	2 $\frac{1}{16}$	16	T-646-B	2 $\frac{7}{8}$	16	T-660-B	3 $\frac{3}{4}$	16
T-640-B	2 $\frac{1}{2}$	16	T-652-B	3 $\frac{1}{4}$	16			

*Note—T-660-B must be used with T-654-B.

See Chart Pages 35 and 36 for collets required on T-629 Breech-Lock Puller to fit all popular cars.

Special Wheel Puller for Ford Models A and AA



A compact malleable iron unit of strong, heavy construction. Fast in application, with no parts to bolt together.

It gives an even pull on the circumference of the hub flanges. There is no chance of screw being forced out of line and damaging the end of the axle shaft. Split-rings chained together, fall out easily when the wheel comes off. This makes for quick disassembly. The jack screw is of generous diameter and is made of alloy steel. The thrust is exerted through a floating nut in the housing proper. No chance of stripping threads of the screw when striking it with a hammer.

Equipped with three pair of split-rings—two for all models Ford "A," another for Ford "AA" truck with flanged hub.

No. T-704 Puller housing and jack-screw complete with 3 sets of split rings \$9.00

Replacement Split-ring Adapters

T-705—for Ford A 1928-29 \$2.00

T-706—for Ford AA 1928-29 \$2.00

T-707—for Ford A 1930 \$2.00

Note—For 1930 Ford AA truck with threaded hub cap use Stevens Breechlock Wheel Puller listed on left column of this page. Parts required are—

T-630—Puller Housing with jack-screw and nut \$12.00

T-638-B—2 $\frac{3}{8}$ " 16 adapter \$2.25

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WALDEN
INC.
WORCESTER,
MASS.

Aug.
1932

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WALDEN
WRENCHES

STEVEN'S
TOOLS & TOOLS

HUTTO
GRINDERS

WALDEN
WRENCHES

HUTTO
GRINDERS

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26

STEVENS TOOLS

Shock-Type Wheel Pullers



Sturdy Pullers with an unusual thread preserving feature. Made from a solid piece of chrome alloy steel for toughness and rigidity. The short design with flat top minimizes ill effects of off-side and misdirected blows.

The slots in first thread of Puller provide a cutting edge that works like a rethreading die.

T-153 Set of four (T-153-A, B, C & D) in metal box \$4.25

No.	Diam.	Pitch	Price
T-153-A	5/8	18	\$0.75
T-153-B	7/8	16	1.00
T-153-C	7/8	14	1.25
T-153-D	7/8	18	1.25
T-153-J	13/16	16	1.25
T-153-D	1 1/8	14	1.25
T-153-E	1 1/8	12	1.50
T-153-F	1 1/4	7	1.50
T-153-G	1 1/4	12	1.50

See Chart Page 35 for sizes required for popular cars.

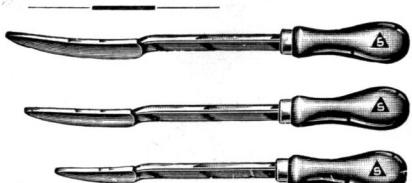
Counter Display Shock-Type Wheel Pullers

Compact steel counter unit with application chart. Contents — six each Nos. T-153-A, T-153-B, T-153-C, five No. T-153-D, four No. T-153-E. Display free with above assortment.

No. 163 complete \$30.25



Stevens Bearing Scrapers



These are real mechanic's tools built to stand the strain of constant shop use. The blades are of genuine Chrome Alloy steel and will retain a keen cutting edge. They can be re-sharpened any number of times.

It's sound economy to buy Stevens Scrapers, for you are assured of efficient service with lower final cost.

The Bearings Scrapers are furnished three in a set.

No. 597 Length 11", edge 2 1/2" \$.60
No. 598 Length 12", edge 3 1/2" \$.70
No. 599 Length 13", edge 4 1/2" \$.75
No. T-438 Set of three \$2.05

Tools for Ford Model "A" Piston Pin Inserting Tool



Just the thing to quickly insert Piston Pins in connecting rods of Ford Model "A." Tapered nose of tool guides pin easily past lock-ring in connecting rod.

Parallel flat surfaces on tip of tool can be gripped by wrench or vise to hold from turning when removing tool from piston pin.

This tool can also be used for removing pins from piston. Light blows on nose will start pin on way out.

Note—(Heat piston when inserting or removing pins. Hold it in a Stevens Piston Vise.)

No. 713 Piston Tool \$1.50

Valve Grinder "Rubber Cupped"



Rubber vacuum cup takes a firm, positive grip on head of valve. No chance to slip and mar the valve seat.

Instantly popular for seating all valves, slotted or not slotted. The only tool for work on Ford Model "A" valves.

The rubber cup holds so firmly that valves can be lifted clear of the seat between spins. Springs in valve pockets not needed.

The two-speed handle has a large diameter which can be spun between the palms of the hands with a slow, heavy stroke while the valve grinding compound is being "worked in." The small diameter handle on top is used to spin the valve with a light, fast stroke to put the finishing touch on the valve.

No. T-187 Individual Grinders \$.50 each



No. 190 Carton of twelve No. T-187 grinders, one of which is mounted on attractive counter display card No. 190 \$6.00

Other Special Tools for Ford Model "A"

Valve Lifter T-710	Page 24
Wheel Puller T-704	Page 26
Special Wrenches for Ford	Page 15
Special Reamers for Ford	Page 32

Stevens Three-Square Scrapers



Made of tool steel; sides hollow ground. Hardwood handle, stained and polished.

An efficient, quality tool for fitting small bearings and for general work on motors.

T-439 Price \$.40

Prices Are Net to Dealer



STEVENS TOOLS

Stevens Piston Vise



T-115—Piston Vise. Price, \$5.00.

T-116—Set of V-Shape Hardwood Jaws to fit Stevens Vise, converting it for straight-jaw uses. Price, 50c.

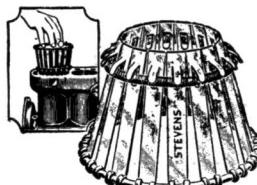
A quick-acting, powerful vise for securely holding pistons and other cylindrical objects to 5½" diameter, without danger of marring or crushing.

Stevens Piston Ring Tool



This tool will remove and apply any piston ring of any diameter or width and with any kind of cut or joint. It prevents harmful distortion and it eliminates breakage.

T-44—Piston Ring Tool. Price, \$1.00.



piston rings from 2¾" to 4½" in diameter, covering all the sizes of standard motors.

T-106—Stevens Ring Compressor. Price, \$1.50.

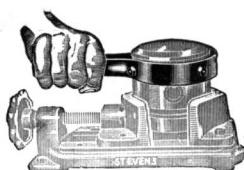
Piston Ring Compressor

Entirely Automatic
No Adjustments

Prevents breakage of piston rings and instantly adjusts itself to all sizes and types of piston rings from 2¾" to 4½" in diameter, covering all the sizes of standard motors.

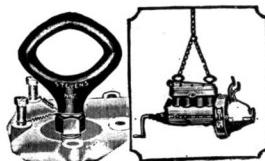
T-106—Stevens Ring Compressor. Price, \$1.50.

Ring Groove Cleaner



T-113—for pistons, 3¾" (Ford Model-T) and over. Cutters for 3/16" and ¼" ring grooves. Weight, 9 oz. Price, \$1.00.

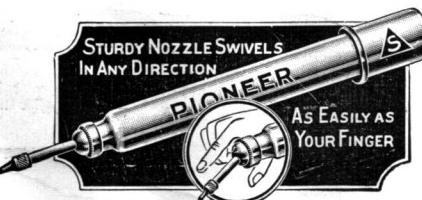
T-114—for pistons up to 3½". Cutters for 3/16" and ¼" ring grooves. Price, \$1.00.



Stevens Engine Hooks

T-240—½" Ford Model-T. Price, \$2.00 per pair.
T-241—7/8", S. A. E. Price, \$2.00 per pair.
T-242—Metric. Price, \$2.00 per pair.

Pioneer Oil and Grease Gun



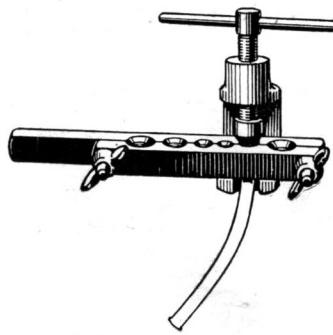
Overall 15". Capacity ¼ pint of oil or ¼ pound of grease.

T-300—Price \$1.35

Prices Are Net to Dealer

Stevens Flaring Tool

Improved design for all diameters of tubing from $\frac{1}{8}$ " to $\frac{1}{2}$ ". Spinning attachment forms a perfect flange on tubing. No split tubes. The operation can be performed without removing tubing from the car.

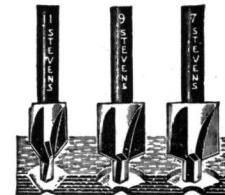


T-178-R—Stevens Flaring Tool with Spinning Attachment. Weight 2 lbs. Price, \$3.00.

T-178-A—Spinning Attachment only. Weight, 1 lb. Price, \$1.50.

T-177—Flaring Tool and Punch. Weight, 1 lb. Price, \$1.75.

Brake Lining Countersink and Drill



Shank $\frac{1}{4}$ " diam. x 1" long permitting use in many commercial brake-lining machines.

T-443—Set of three (T-440, T-441, T-442-A). Price, \$1.00.

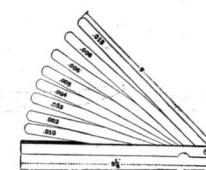
No.	Countersink	Drill	Price Each
T-440	$\frac{3}{8}$	$\frac{3}{16}$	\$0.35
T-441	$\frac{9}{16}$	$\frac{5}{32}$	.35
T-442-A	$\frac{21}{64}$	$\frac{5}{32}$	.35

Stevens Adjustable Panel Cutter

A well-made, substantial tool for cutting large holes in panels. Quickly adjusted from 1½" to 6". Tapered shank fits carpenter's brace or machine. Center drill penetrates panel while cutter is operating.

T-564—Price, \$1.85

Stevens Feeler Gauges



PISTON-FITTING FEELER GAUGE

With eight 9-inch blades .002 to .015, giving combinations of all standard thicknesses, in steel handle.

No. 7613 \$2.10

TAPPET FEELER GAUGE

With eight 3-inch blades .0015 to .015, giving combinations of all thicknesses within the range, in steel handle.

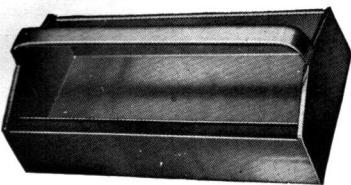
No. 7614 \$1.05

Prices Are Net to Dealer



STEVENS STEEL BOXES, TRAYS and RACKS

Tote Trays No. BX-27

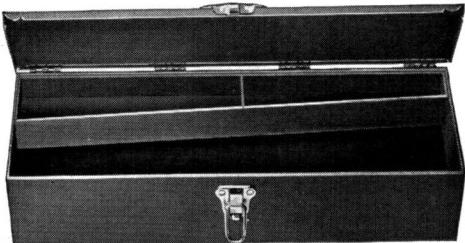


This new Tote Tray of heavy gauge steel has been specially designed to stand the rough usage of the shop. Reinforced edges and a handle that a man can stand upon.

Easy access to your tools with a small tray on one side for nuts, bolts, sockets or cotter pins. Size 18 x 9 x 3, black lacquer finish.

BX-27 Tray \$2.00

Portable Box BX-20



Built of heavily reinforced steel with sturdy nickel handle and hasp. Blue-gray pyrrolin finish. Size 6 1/4 x 20 1/2 x 5 in. deep. Built-in tray in back for smaller tools. Weight 6 1/2 lbs.

BX-20 Price \$3.75



**BX-20
Closed**

"Dog Coop" Box BX-30



Here's a portable box that withstands all sorts of abuse in the shop. Hook on a padlock and it becomes a miniature safe.

The metal tray inside has a strong oval handle. It is the handiest little tool carrier you'll find.

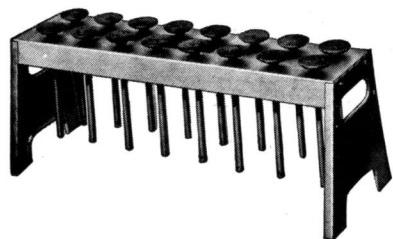
Blue-gray pyrrolin finish. Size 21 1/2 x 9 x 11. Weight 15 lbs.

BX-30—Including tray Price, \$7.50



**BX-30
Closed**

Valve Rack No. 299



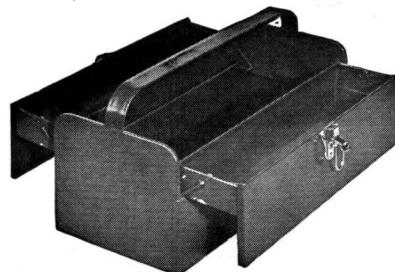
It is of utmost importance that all valves be replaced in the same valve guides from which they are removed. The Stevens Valve Rack offers a systematic means of handling valves. A rigid steel rack with two rows of eight holes. The word "Front" marked on one end and a number diagram on top make it an easy matter to keep all valves in exactly the same order in which they are removed from motor. The valve rack filled with valves can easily be carried to and from the valve refacing machine. Handle holes on either end make it easy to handle.

All valves are held in such a position that all machine surfaces are fully protected.

This rack is a necessity to accurate work where flat rate systems are used on motor overhaul.

No. 299 \$1.50

Duplex Box No. BX-25



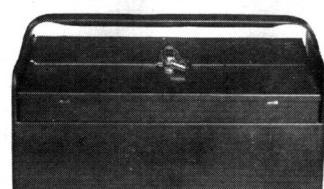
An innovation in all-steel tool carriers. This heavily constructed combination tray and tool container lends completeness and compactness to your collection of tools.

The sturdy trays on top, for carrying nuts, bolts, and similar supplies, fold out over the sides to give easy access to the larger tools in the bottom of the box.

Strong, reinforced construction. Beautiful blue-gray pyrrolin finish. Hasp for padlock so you'll know your tools are safe.

Light in weight, only 12 lbs. Size 19" x 9". Trays 2 1/2" deep. Box under trays 4 1/2" deep. Overall height 9 1/2".

BX-25 Price, \$6.50



**BX-25 Closed and
Locked**

Prices Are Net to Dealer



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STEVENS PISTON PIN REAMERS

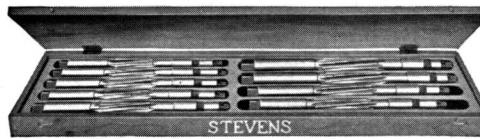
EXPANSION TYPE FPE
with Double-taper Sleeve Pilot



SPECIFICATIONS—Special Tungsten Steel, permanent cutting edge. Left hand spiral flutes. Double-taper Sleeve is placed in far side of piston and Pilot is centered in this taper sleeve. After reamer is started in second hole, taper sleeve is removed from pilot and placed in first hole to center the shank of reamer. Long pilots and shanks for straight-through reaming by machine.

Size Inches	Stock Number	Price Dealer Net	Length Overall	Length Pilot	Expansion Limits
.56	625-FPE	\$6.45	11 1/8	4 1/2	.010
.668	668-FPE	7.25	11 1/4	4 1/2	.010
1 1/16	687-FPE	7.25	11 1/4	4 1/2	.016
.730	730-FPE	8.00	11 1/8	4 5/8	.016
.740	735-FPE	8.00	11 1/8	4 5/8	.016
	3022 1/2-FPE	8.00	11 1/8	4 5/8	.016
.740	750-FPE	8.00	11 1/8	4 5/8	.016
.750	812-FPE	8.60	12 1/4	4 5/8	.016
.772	843-FPE	8.60	12 1/2	4 5/8	.016
.850	850-FPE	8.90	12 1/2	4 5/8	.016
.850	860-FPE	9.15	12 1/2	4 5/8	.016
.850	875-FPE	9.15	12 1/2	4 5/8	.016
.917	917-FPE	9.70	13 1/4	4 5/8	.016
.917	937-FPE	9.70	13 1/4	4 5/8	.016
.917	968-FPE	10.00	13 1/4	4 5/8	.016
.990	984-FPE	10.25	13 1/4	4 5/8	.016
.990	990-FPE	10.25	14 5/8	4 5/8	.016
1.000	A6135-FPE	10.25	14 5/8	4 5/8	.016
1 3/64	1047-FPE	11.30	14 5/8	4 5/8	.016
1 1/16	1062-FPE	11.30	14 5/8	4 5/8	.018
1 3/32	1093-FPE	11.80	14 5/8	4 5/8	.018
1 3/8	1125-FPE	12.40	14 7/8	5	.018
1 3/16	1187-FPE	13.45	14 7/8	5	.018

Sets of EXPANSION PISTON PIN REAMERS



Sets of six reamers in box

Sizes—.730; .740; 3/4; 1 1/8; .850; 7/8

No. 6-PE—With type PE Reamers \$48.00
No. 6-FPE—With type FPE reamers \$50.65

Sets of nine reamers in box

Sizes—.730; .740; 3/4; 1 1/8; .850; 7/8; 1 1/2; .990; 1.000; 1 3/32; 1 1/8

No. 9-PE—With type PE reamers \$79.10
No. 9-FPE—With type FPE reamers \$82.95

Sets of twelve reamers in box

Sizes—.730; .740; 3/4; 1 1/8; .850; 7/8; 1 1/2; .990; 1.000; 1 3/32; 1 1/8

No. 12-PE—With type PE reamers \$110.10
No. 12-FPE—With type FPE reamers \$115.05

NOTE—Set prices represent total price of reamers. There is no charge for the box.

See pages 35 and 36 for Schedule of sizes required for various makes and models of passenger cars and trucks.

EXPANSION TYPE PE
with self cutting Pilot



SPECIFICATIONS—Special Tungsten Steel, permanent cutting edge. Left hand spiral flutes. Fluted pilot to remove any burrs. Long pilot passes first piston boss and enters second before blades begin to cut. Long shank for use on reaming machines. Sufficient expansion for all oversize wrist pins.

Size Inches	Stock Number	Price Dealer Net	Length Overall	Length Pilot	Expansion Limits
.56	625-PE	\$6.15	10 1/8	3 1/2	.010
.668	668-PE	6.75	10 1/4	3 1/2	.010
1 1/16	687-PE	6.75	10 1/4	3 1/2	.016
.730	730-PE	7.50	10 7/8	3 5/8	.016
.740	735-PE	7.50	10 7/8	3 5/8	.016
	3022 1/2-PE	7.50	10 7/8	3 5/8	.016
.740	750-PE	7.50	10 7/8	3 5/8	.016
.750	812-PE	8.15	11 1/4	3 5/8	.016
	843-PE	8.35	11 1/2	3 5/8	.016
.750	850-PE	8.60	11 1/2	3 5/8	.016
.750	860-PE	8.75	11 1/2	3 5/8	.016
.750	875-PE	8.75	12 1/4	3 5/8	.016
.750	917-PE	9.40	12 1/4	3 5/8	.016
.750	937-PE	9.40	12 1/4	3 5/8	.016
.750	968-PE	9.75	12 1/4	3 5/8	.016
.750	984-PE	9.85	12 1/4	3 5/8	.016
.750	990-PE	9.85	13 5/8	3 5/8	.016
1.000	A6135-PE	9.85	13 5/8	3 5/8	.016
1 3/64	1047-PE	10.95	13 5/8	3 5/8	.016
1 1/16	1062-PE	10.95	13 5/8	3 5/8	.018
1 3/32	1093-PE	11.40	13 5/8	3 5/8	.018
1 1/8	1125-PE	11.85	13 7/8	4	.018
1 3/16	1187-PE	12.80	13 7/8	4	.018

ADJUSTABLE TYPE SC

with Double-taper Sleeve Pilot



Taper sleeve on front pilot.



Same reamer with taper sleeve on rear pilot.

Stock Number	Range of Expansion	Price Dealer Net
625-SC	.56 (.625) to 1 1/16 (.687)	\$6.10
687-SC	1 1/16 (.687) to 3/4 (.750)	6.30
750-SC	3/4 (.750) to 1 3/16 (.812)	6.85
812-SC	1 3/16 (.812) to 7/8 (.875)	7.00
875-SC	7/8 (.875) to 3 1/16 (.968)	7.50
968-SC	3 1/16 (.968) to 1 1/8 (1.125)	8.30
1125-SC	1 1/8 (1.125) to 1 1/2 (1.281)	10.90
1281-SC	1 1/2 (1.281) to 1 15/16 (1.468)	12.35

SETS OF TYPE SC REAMERS

Set of four reamers

Nos. 625-SC, 687-SC, 812-SC, 968-SC. To ream the piston pin bushings of all leading passenger cars and many trucks.

No. 4-SC—Set in case \$29.20

Set of six reamers

Nos. 625-SC, 687-SC, 812-SC, 875-SC, 968-SC, 1125-SC. For 95% of all cars, trucks, and buses.

No. 6-SC—Set in case \$48.10



STEVENS SPIRAL REAMERS

ADJUSTABLE REAMER Type W.P.



SPECIFICATIONS—Straight blades set at an angle in the reamer prevent chatter and cut smoothly even when there are keyways in the hole. Blades of special tempered steel. Extra fine threads for close adjustment. Expansion permits each size to overlap.

Stock Number	Range of Expansion	Price Dealer Net
4-A	3/8 (.375) to 13/32 (.406)	\$4.40
3-A	19/32 (.406) to 7/16 (.437)	4.40
2-A	7/16 (.437) to 15/32 (.468)	3.85
A	15/32 (.468) to 17/32 (.531)	3.05
B	17/32 (.531) to 19/32 (.593)	3.05
C	19/32 (.593) to 21/32 (.656)	3.20
D	21/32 (.656) to 23/32 (.718)	3.20
E	23/32 (.718) to 25/32 (.781)	3.40
F	25/32 (.781) to 27/32 (.843)	3.40
G	27/32 (.843) to 1 1/16 (.937)	3.70
H	15/16 (.937) to 1 1/16 (1.062)	3.90
I	1 1/16 (1.062) to 1 3/16 (1.187)	4.75
J	1 3/16 (1.187) to 11/32 (1.343)	5.40
K	11/32 (1.343) to 1 7/32 (1.531)	6.75

Sets of Type WP Reamers

Set of five reamers

Nos. D, E, F, G, H. All diameters from 21/32 to 1 1/16"

No. 5-WP—Set in case... \$18.00

Set of eight reamers

Nos. A, B, C, D, E, F, G, H. All diameters from 15/32 to 1 1/16"

No. 8-WP—Set in case... \$27.50

Set of eleven reamers

Nos. A, B, C, D, E, F, G, H, I, J, K. All diameters from 15/32 to 1 17/32"

No. 11-WP—Set in case. \$46.80



EXPANSION REAMERS Type 628-E Without Pilots



Special Tungsten Steel to give permanent cutting edge. Lefthand Spiral Flutes to prevent chatter and cut past keyways. Scientifically correct relief or backing off of cutting edges gives strength and permanent sharpness to the blades.

Size Inches	Stock Number	Price Dealer Net	Length Overall	Length Flute	Expansion Limits
5/8	628-E 5/8	\$3.10	4 1/4	1 3/4	.010
7/16	628-E 7/16	3.50	4 1/2	1 3/4	.010
1/2	628-E 1/2	3.60	5	1 3/16	.010
9/16	628-E 9/16	3.80	5 1/2	2 1/8	.010
5/8	628-E 5/8	4.20	6	2 1/2	.010
11/16	628-E 11/16	4.50	6 1/4	2 1/2	.016
3/4	628-E 3/4	5.00	6 1/2	2 1/16	.016
13/16	628-E 13/16	5.50	7	3 1/16	.016
7/8	628-E 7/8	6.00	7 1/2	3 5/16	.016
1	A6135-E	7.00	8 1/4	3 3/4	.016

TAPER PIN REAMERS Type No. 654



Spiral flute—tempered steel—taper $\frac{1}{4}$ inch per foot.

Stock Number	Diameter Small End	Price Dealer Net	Length Overall	Length Flute
6540	.127	\$0.60	2 3/8	1 5/8
6541	.146	.60	2 1/2	1 3/4
6542	.162	.75	3	2
6543	.183	.90	3 1/2	2 1/4
6544	.208	1.05	4	2 1/2
6545	.240	1.20	4 1/2	3
6546	.279	1.35	5	3 5/8

KING BOLT REAMERS

Detachable Pilot Type KBP
for cars with 4-wheel Brakes



The pilot is extended and centered in the lower bushing while the top bushing is being reamed. The reamer is then taken out and the pilot removed from the reamer. Place the reamer in the hole again and ream the lower bushing, the shank guiding the reamer for the second operation.

These reamers are for King Bolt Bushings on many cars equipped with 4-wheel brakes. They take the place of Type KBPE, one piece King Bolt reamers where brake equipment prevents the passage of pilot below the lower bushing.

Size Inches	Stock Number	Price Dealer Net	Length Inches	Used On
47/64	734-KBP	\$7.70	10	Chevrolet
5/8	750-KBP	7.70	10	Essex
.803	803-KBP	8.95	10	Hudson
7/8	875-KBP	9.75	12	Oakland

KING BOLT REAMERS Expansion Type KBPE



A spiral fluted Tungsten Steel Reamer for steering knuckle or king bolt bushings on all makes of cars and trucks. Pilot is long enough to pass through top bushing and enter lower bushing before cutting begins. Shank on back end is of sufficient length to act as pilot and permit reaming of both bushings in one operation.

Size Inches	Stock Number	Price Dealer Net	Length	Expansion Limits
1/2	500-KBPE	\$7.50	11 1/2	.010
9/16	562-KBPE	8.00	11 1/2	.010
5/8	625-KBPE	8.50	14	.010
.862	862-KBPE	9.00	14	.010
47/64	734-KBPE	9.50	15	.016
9/4	749-KBPE	10.00	15	.016
.803	803-KBPE	10.50	15 1/2	.016
13/16	A3109-KBPE	10.50	15 1/2	.016
7/8	875-KBPE	11.50	16	.016
.921	921-KBPE	12.25	16	.016
1.000	1000-KBPE	13.00	16 1/2	.016

VALVE STEM GUIDE REAMERS Spiral Fluted with Pilot



Solid Type No. 647-P



Expansion Type No. 123-PE

A Stevens quality reamer made of tool steel specially hardened. Used to clean or enlarge valve guide holes. Pilot prevents reamer from following worn part of hole and assures perfect roundness.

Expansion type No. 123-PE has .010" expansion to care for all oversize valves. The long rear shank of this expansion type reamer acts as an excellent guide for accurate work.

Size	Expansion Type		Solid Type	
	Stock Number	Price Dealer Net	Stock Number	Price Dealer Net
5/16	123-PE 5/16	\$3.50	647-P 5/16	\$1.70
21/64	123-PE 21/64	3.50	647-P 21/64	1.70
11/32	123-PE 11/32	3.60	647-P 11/32	1.75
25/64	123-PE 25/64	3.60	647-P 25/64	1.75
3/8	123-PE 3/8	3.70	647-P 3/8	1.80
25/64	123-PE 25/64	3.70	647-P 25/64	1.80
13/32	123-PE 13/32	3.80	647-P 13/32	1.90
7/16	123-PE 7/16	3.80	647-P 7/16	2.00

STEVENSONS
WALDEN INC.
WORCESTER,
MASS.

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STEVENS REAMERS FOR FORD Model A

SPRING PERCH BUSHING REAMER



No. A-3034-5573 for front and rear bushings .. \$1.80

SPINDLE BODY BUSHING REAMERS

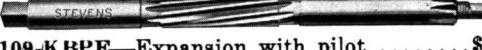


A-3109—Solid without pilot \$1.80



A-3109-P—Solid with pilot \$3.60

AA-3115-6P—Solid with pilot for AA truck.... \$4.65



A-3109-KBPE—Expansion with pilot \$10.50

PISTON PIN REAMERS



A-6135—Solid type without pilot \$3.30



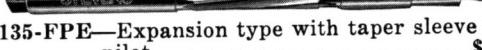
A-6135-P—Solid type with pilot \$3.60



A-6135-E—Expansion type without pilot \$7.00



A-6135-PE—Expansion type with pilot \$9.85



A-6135-FPE—Expansion type with taper sleeve pilot \$10.25

CONNECTING ROD REAMERS



A-6200—Solid type without pilot \$4.80



A-6200-P—Solid type with pilot \$6.00



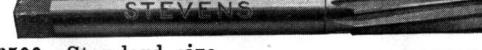
A-6200-E—Expansion type with pilot \$13.50

CRANKSHAFT ALIGNING REAMER



A-6327-30P—With pilot (spiral fluted) \$30.00

PUSH ROD REAMERS



A-6500—Standard size \$1.80

A-6500-X—Oversize 1/64" \$2.40

STEERING WORM AND GEAR REAMERS

A-3553 for steering gear housing bushing \$3.00

A-3576-BP—Solid steering worm sector bushing reamer (with pilot) \$4.50

A-3576-BPE—Expansion steering worm sector bushing reamer with pilot \$12.40

TRANSMISSION REVERSE IDLER GEAR BUSHING REAMER



A-7143—Spiral fluted \$2.30

WATER PUMP AND FAN ASSEMBLY BUSHING REAMERS

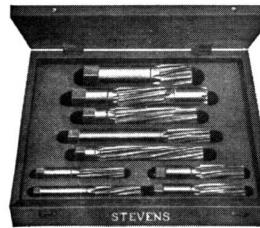


A-8520—Solid without pilot \$2.00

A-8520-P—Solid with pilot \$3.60

SPECIAL REAMER SETS

for
FORD MODEL A



No. 9A

No. 9-A Set \$26.80 Dealer Net

Nine reamers in steel case as follows—

No. A-3034-5573—Front & Rear Spring Perch Bushing Reamer

No. A-3109—Front Axle Spindle Bushing Reamer

No. A-3553—Steering Gear Housing Bushing Reamer

No. A-3576-BP—Steering Worm Sector Bushing Reamer

No. A-6135—Piston Pin Reamer, Solid Type

No. A-6200—Connecting Rod Bushing Reamer, Solid Type

No. A-6500—Push Rod Reamer, Standard Size

No. A-7143—Transmission Reverse Gear Bushing Reamer

No. A-8520—Water Pump and Fan Assembly Bushing Reamer

No. 10-A Set \$48.25 Dealer Net

Ten reamers in steel case as follows—

No. A-3034-5573—Front & Rear Spring Perch Bushing Reamer

No. A-3109-P—Front Axle Spindle Bushing Reamer, with Pilot

No. A-3576-PE—Piston Pin Reamer, Expansion Type, with Pilot

No. A-3553—Steering Gear Housing Bushing Reamer

No. A-3576-BPE—Steering Worm Sector Reamer, Expansion Type, with Pilot

No. A-6200-P—Connecting Rod Bearing Reamer, Solid Type, with Pilot

No. A-6500—Push Rod Reamer, Standard Size

No. A-6500-X—Push Rod Reamer, 1/64" oversize

No. A-7143—Transmission Reverse Gear Bushing Reamer

No. A-8520-P—Water Pump and Fan Assembly Bushing Reamer with Pilot

SPIRAL HAND REAMERS

Type No. 608



Left-Hand Spiral Flutes which insure against chattering or "digging in." Slightly tapered on the end to facilitate their starting properly. Stevens quality and accuracy.

Size Inches	Stock Number	Price Dealer Net	Length Overall	Length Flutes
3/16	608 3/16	\$1.00	3 1/2	1 3/4
1/4	608 1/4	1.25	4	2
5/16	608 5/16	1.35	4 1/2	2 1/4
3/8	608 3/8	1.40	5	2 1/2
7/16	608 7/16	1.55	5 1/2	2 5/8
1/2	608 1/2	1.70	6	3
9/16	608 9/16	1.80	6 1/2	3 1/4
5/8	A-8520	2.00	7	3 5/8
11/16	608 11/16	2.15	7 1/4	3 7/8
3/4	A-7143	2.30	8 1/8	4 1/16
13/16	A-3109	1.80	9	4 1/8
7/8	608 7/8	2.80	9 1/4	4 1/2
1	A-6135	3.30	11	5 1/2
1 1/16	608 1 1/16	3.80	11 1/8	5 15/16



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STEVENS REAMERS for CHEVROLET CARS

PISTON PIN REAMERS for 4 cyl. models to 1928 incl.

		
850-FPE—Expansion type with taper sleeve pilot	\$8.90	
		
850-PE—Expansion type with self-cutting pilot	\$8.60	
		
812-SC—Adjustable type with taper sleeve pilot \$7.00 for 6 cyl. models 1929-1930		
		
990-FPE—Expansion type with taper sleeve pilot	\$10.25	
		
990-PE—Expansion type with self-cutting pilot	\$9.85	
		
968-SC—Adjustable type with taper sleeve pilot \$8.30		

SPINDLE BOLT BUSHING REAMERS

		
No. 734-P—Steering knuckle bushing reamer, with pilot (1928 to 1930 incl.)	\$5.00	
		
No. 734—As above without pilot	\$3.25	
		
24077-P—Plain Arm and steering knuckle reamer with pilot (up to and in- cluding 1927). Spring bushings (1925 to 1930 incl.)	\$4.00	
24077—As above without pilot	\$2.75	
		
H-181-P—Steering knuckle bushing reamer, with pilot. For $\frac{1}{2}$ " bolts (490 models)	\$3.75	
H-181—As above without pilot	\$2.40	
No. 921-P—Solid reamer with pilot for king pin Chevrolet Truck 1931	\$5.50	
No. 921-KBPE—Expansion reamer with pilot for king pins Chevrolet Truck 1931	\$12.25	

VALVE STEM GUIDE REAMERS

For all Models
Solid type with pilot

		
647-P— $\frac{1}{16}$ " for standard valves	\$1.70	
647-P— $\frac{3}{32}$ " for $\frac{1}{4}$ " oversize	\$1.70	
		
Expansion type with pilot		
		
123-PE— $\frac{1}{16}$ " for standard valves	\$3.50	
123-PE— $\frac{3}{32}$ " for $\frac{1}{4}$ " oversize	\$3.50	
		
3125—Valve Guide "Intake" (1929-30)	\$1.30	
3140—Valve Guide "Exhaust" (1929-30)	\$1.30	

CRANKSHAFT ALIGNING REAMERS

		
No. 1500—with pilot (1926 to 1928 incl.)	\$35.15	
835801—with pilot (1929-30)	\$37.60	



608— $\frac{1}{16}$ " Spring and Shackle Bolt Bushing Reamer	\$1.80
530—Rocker Arm Bushing Reamer (all 4 cylinder models)	\$2.25
730—Rocker Arm Bushing Reamer (1929 and 1930 models)	\$2.50
611—Water Pump Bushing Reamer (1925 to 1930 incl. models)	\$2.40
751—Main Drive and Idler Gear, Bushing Reamer (1925 to 1930 inc. models)	\$2.80
875—Countershaft Sleeve, Bushing Reamer (for all models)	\$3.40
624—Front Wheel Brake Operating Lever, Bushing Reamer (1928 to 1930 incl.)	\$2.00
762—Steering Gear Main Shaft, Bushing Reamer (for all models)	\$2.75
925—Pitman Arm Shaft Bushing Reamer (for all models)	\$3.50

SPECIAL REAMER SETS

for

CHEVROLET CARS



No. 7C



No. 8C

NO. 7-C STEVENS SET FOR CHEVROLET (National Model)

This set consists of four Special Solid Reamers that will take care of all the bushings on the National, Series AB, Chevrolet car that are subject to replacement.

Reamer No.	Part
762	Steering Gear Main Shaft
734-P	Steering Knuckle
624	Front Wheel Brake Operating Lever
925	Pitman Arm Shaft

No. 7-C—Chevrolet Set, in steel case

NO. 8-C STEVENS SET FOR CHEVROLET (All Models, including 1930)

This set consists of ten Special Solid Reamers that will take care of all the bushings on the various models of the Chevrolet car, including the 1930 model.

Reamer No.	Part to be Reamed
24077-P	Plain Arm and Steering Knuckle (up to and incl. 1927). Spring Bushing (1925 to 1930 incl.).
530	Rocker Arm (all 4 cylinder models).
611	Water Pump (1925 to 1930 incl.).
730	Rocker Arm (1929 and 1930).
751	Main Drive and Idler Gear (1925 to 1930 incl.).
624	Front Wheel Brake Operating Lever (1928 to 1930 incl.).
762	Steering Gear Main Shaft (all models).
925	Pitman Arm Shaft Bushing (all models).
875	Countershaft Sleeve (all models).
734-P	Steering Knuckle (1928 to 1930).

No. 8-C—Chevrolet Set, in steel case

NO. 9-C STEVENS SET FOR CHEVROLET (All Models, including 1930)

This set consists of the same Reamers as the No. 8-C set shown above, with two Expansion Piston Pin Reamers especially designed for Chevrolet cars, Nos. 850-PE & 990-PE.

No. 9-C—Chevrolet Set, in steel case



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WRENCHES

STEVENS
TOOLS & BOXES

HUTTO
GRINDERS

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STEVENS TWIST DRILLS
STRAIGHT SHANK—CARBON and HIGH SPEED STEEL
Fractional Sizes

STEVENS

Diameter Inches	Dealer Net Price Per dozen		Diameter Inches	Dealer Net Price Per dozen	
	Carbon Steel No. 426	High Speed Steel No. 427		Carbon Steel No. 426	High Speed Steel No. 427
1/16	\$.83	\$ 2.31	9/32	1.95	6.15
5/64	.84	2.31	19/64	2.06	7.10
3/32	.87	2.31	5/16	2.24	7.10
7/64	.90	2.39	21/64	2.42	8.10
1/8	.93	2.39	11/32	2.60	8.10
9/64	.95	2.48	23/64	2.82	9.12
5/32	.98	2.48	3/8	3.08	9.12
11/64	1.02	3.41	25/64	3.33	10.13
5/16	1.16	3.41	13/32	3.59	10.13
13/64	1.29	3.78	27/64	3.98	11.48
7/32	1.41	3.78	7/16	4.37	11.48
15/64	1.55	4.97	29/64	4.74	12.66
1/4	1.67	4.97	15/32	5.13	12.66
17/64	1.80	6.15	31/64	5.64	13.50
			1/2	6.15	13.50

NOTE—Sizes 1/16 to 9/32 packed one dozen of a size to a package. Sizes 19/64 to 1/2 packed half dozen of a size to a package. Not sold in units of less than these standard packages.

Wire Gauge Sizes

STEVENS

Wire Gauge No.	Diameter Inches	Length Overall	Dealer Net Price Per Dozen
			Carbon Steel No. 428
1	.2280	4	\$ 1.41
2	.2210	3 15/16	1.41
7	.2010	3 3/4	1.29
10	.1935	3 5/8	1.29
12	.1890	3 9/16	1.16
13	.1850	3 1/2	1.16
14	.1820	3 7/16	1.16
20	.1610	3 3/16	1.02
21	.1590	3 9/16	.98
22	.1570	3 1/8	.98
23	.1540	3 1/16	.98
25	.1495	3	.98
30	.1285	2 13/16	.93
31	.1200	2 3/4	.90
33	.1130	2 11/16	.90
34	.1110	2 5/8	.90
36	.1065	2 9/16	.90
37	.1040	2 1/2	.90
38	.1015	2 7/16	.90
40	.0980	2 3/8	.90
42	.0935	2 5/16	.87
43	.0890	2 1/4	.87
44	.0860	2 9/16	.87
45	.0820	2 5/16	.87
47	.0785	2 1/16	.84
50	.0700	1 15/16	.84

NOTE—Packed one dozen of a size to a package. Not sold in units of less than these standard packages.

POCKET
DRILL
SETS



Carbon Steel Set—No. 26-S
High Speed Steel Set—No. 27-S

The sets are furnished with either carbon or high speed steel straight shank drills. The ten drills fit snugly into a polished hardwood box with a screw top.

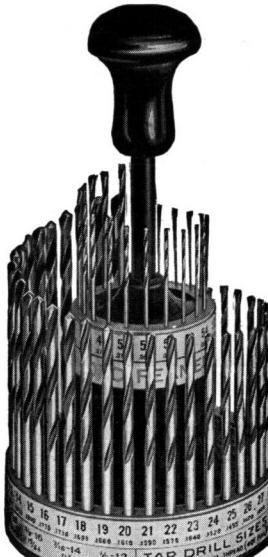
Sets contain the following sizes: $\frac{1}{16}$ ", $\frac{5}{32}$ ", $\frac{1}{8}$ ", $\frac{9}{64}$ ", $\frac{5}{16}$ ", $\frac{3}{8}$ ", $\frac{1}{4}$ ", $\frac{11}{32}$ ", $\frac{1}{2}$ ".

No. 26-S Set Complete \$1.85 Dealer Net
No. 27-S Set Complete \$4.25 Dealer Net

DRILL SETS



Fractional Sizes



Wire Gauge Sizes

These metal stands are carefully made of material that is especially adapted for this purpose and will not rust. Each drill hole is plainly marked with the size drill it is intended for. The holes are very exact and can be used as a gauge of the drill size.

Fractional Size Sets

These sets comprise all the fractional drills from $\frac{1}{16}$ inch to $\frac{1}{2}$ inch, inclusive, by 64ths.

No. 426-S Carbon Steel with Stand \$ 8.20
No. 427-S High Speed Steel with Stand \$18.95

Stand Only \$ 2.50

Wire Gauge Sets

These sets comprise all the Wire Gauge Drills from No. 1 to 60, inclusive.

No. 428-S Carbon Steel with Stand \$ 7.35

No. 429-S High Speed Steel with Stand \$16.30

Stand Only \$ 2.50

NOTE—For the price of any above assortment without stand deduct \$2.50 from price given.



Printed in U.S.A.



STEVENS TOOLS

STEVENS “STAND - UP” TIRE SPREADER



THE TIRE STANDS UP—

Just spread the bead and the long handles jump to the floor. Like magic the tire stands straight up. And the casing is spread wide open for inspection, for insertion of a patch, and there it will stand while the patch is drying. No tire man can afford to be without such a tool.

ALSO A DISPLAY RACK—

The “stand-up” feature of the Stevens Spreader makes it equally useful for tire display. The tire stands straight up in your window. The Spreader is instantaneously inserted or removed.

TIRE INSPECTION—

Place tire before you. Insert tool in bottom of tire. Bend over tire. One hand on either side of the tire pushes down on the handles of the spreader. Works just like opening a big pair of shears. The special system of levers requires very little pressure to spread the stiffest of balloon beads. The tire stands up straight without holding between your legs. Your hands on the spreader hold the tire upright.

Jaws slide easily along bead of tire. Inspection is repeated without removing the tool. Speed and convenience all in one tool.

SPECIAL NON-SLIP JAWS—

The jaws of the Stevens Spreader are shaped to exactly fit the full bead of balloon tires. No possible chance of slippage.

SPECIFICATIONS—

Chrome Alloy Steel that will not bend or give.
Permanent Udylite Finish.

Simplified Construction—no parts to bend, wear, jam or slip.

Packed 5 to a Carton.

We believe this to be the most improved type of hand operated Tire Spreader ever offered to the automotive trade. It has every advantage of the large and expensive mechanical units. Yet it's just a low-price, simple and fool-proof tool.

There are two sizes, one for most passenger car tires and the other for large balloons and truck tires. Tire dealers require both.

STEVENS ROCK - THE - SPRING CROW BAR For Greasing



A combination pinch and claw bar to rock the spring leaves of every make of car. Experience has proven that rocking the spring with this type of bar is a most necessary accessory to shackle greasing. No matter how great the grease gun pressure the grease cannot penetrate the entire shackle except by this rocking motion which alternately releases the pressure along all points of the bearing surface.

The offset claw easily fits the great majority of spring leaves. Pinch bar fits tight places, for instance—between rear spring shackle and axle housing of Ford A.

Neatly balanced bar can be easily rocked with one hand while other operates grease gun. Solid, one-piece forging of Alloy Steel, 32" long.

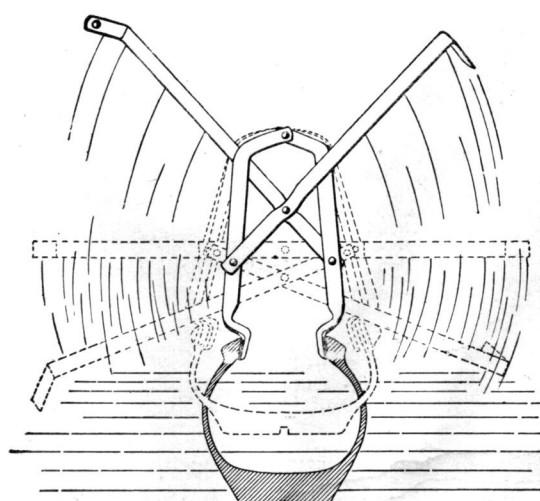
No. 718 \$2.00

Stevens “Stand-up” Tire Spreader (Continued)

No. 723 Stevens Spreader for most passenger car tires \$2.00

No. 724 Stevens Spreader for large balloons including truck tires \$2.00

No. 722 Set \$4.00
Consists of one each of the above spreaders



Just push half way down on the handles and they jump to the floor. Note how easily they hold the tire in upright position.



STEVENS
WALDEN
INC.
WORCESTER,
MASS.

Aug.
1932

Printed
in
U.S.A.



Page

STEVENS VALVE RESEATING TOOLS

STANDARD CUTTERS

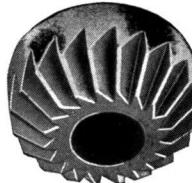
Refaces the valve seat perfectly. It makes a quick, easy job of removing all carbon pits and irregularities. Faces the seat at the proper angle.

The cutters are made of the best tool steel, treated to stand up on valve seat reaming. Ground with proper clearance on the cutting point. Tapered round hole in center to fit any Stevens solid or expansion type Pilot Stems—also interchangeable with all standard makes.

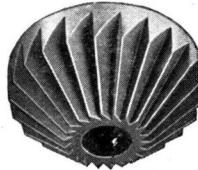
45°

VALVE SEAT CUTTERS

Type No. 1220



Size Inches	Dealer Net Price Each	Size Inches	Dealer Net Price Each
1 $\frac{1}{4}$	\$1.90	2	\$2.01
1 $\frac{5}{16}$	1.90	2 $\frac{1}{8}$	2.16
1 $\frac{7}{16}$	1.90	2 $\frac{3}{4}$	2.25
1 $\frac{9}{16}$	1.90	2 $\frac{5}{8}$	2.31
1 $\frac{11}{16}$	1.90	2 $\frac{1}{2}$	2.40
1 $\frac{13}{16}$	1.90		
1 $\frac{15}{16}$	1.90		
1 $\frac{17}{16}$	1.90		



VALVE SEAT CUTTERS

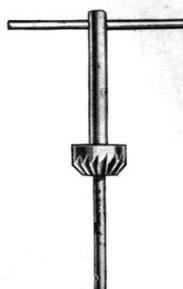
Type No. 1210

Size Inches	Dealer Net Price Each	Size Inches	Dealer Net Price Each
1 $\frac{1}{2}$	\$1.90	1 $\frac{5}{8}$	\$1.90
1 $\frac{9}{16}$	1.90	1 $\frac{3}{4}$	1.90

VALVE RESEATER

for

Ford "A"



Complete Valve reseating tools with 19/32" pilot and cross handle.

No. A-6505 For Ford "A" intake and exhaust valves \$1.71

No. 617-A2 For Ford "T" \$1.53

No. 617-B2 For Fordson Valve Port \$1.53

EXPANSION PILOT STEMS

Self Centering



No. 354 Expansion Pilot Stem

No. 354 Expansion Pilots are furnished in three sizes, taking care of all diameters between 5/16" and 1/2". The Pilots expand a full 1/16", each size overlapping. A positive stop on the spindle insures against overexpansion.

Pilot Stems	Size	Expansion	Dealer Net Price
354	5/16	1/16"	\$2.70
354	3/8	1/16"	2.70
354	7/16	1/16"	2.70
354	19/32	1/16"	2.70



No. 351 Shank with T-Handles

No. 351 Shanks are interchangeable with the No. 354 Pilots and are made to fit all cutters with a standard hole.

No. 351 Shank with T-Handle \$1.35

No. 353 Knock-out Pin \$.24

DIRECTIONS FOR ASSEMBLING

Drop Expansion Pilot into valve-stem chamber. Screw plug into Pilot, which is self-centering, until it engages side walls of chamber securely. Pilot in rigid position then assures positive alignment and a perfectly seated valve.

Then slide hollow shank, on which cutter has been secured, over Pilot. You are then ready to ream.

To remove cutter from taper shank, place Knock-Out Pin in shank, hold cutter, and tap on pin with hammer.

PILOT STEMS

Solid Type No. 250



Stevens Pilots are hardened and accurately ground to size. Arbor holding the cutter is taper ground to an exact fit. Pilots are drilled for Cross Handle which is furnished with each pilot. Shanks have $\frac{1}{2}$ " square head to permit use of socket wrench.

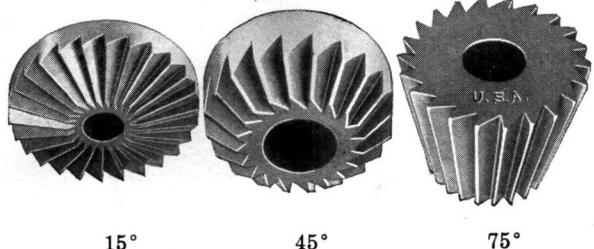
No.	Size	Dealer Net Price Each
312	5/16	\$0.84
328	21/64	.84
343	11/64	.84
346	11/32 + .003	.84
375	9/32	.84
390	25/64	.84
406	13/32	.84
421	21/64	.84
437	7/16	.84
453	29/64	.84
468	15/32	.84
484	31/64	.84
500	5/8	.84
594	19/32	.84

See Chart Page 35 for Valve Seat Diameters and Angles.



STEVENS VALVE RESEATING TOOLS

UNIVERSAL VALVE SEAT CUTTERS



15°

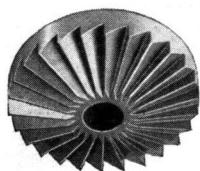
45°

75°

Universal Type Cutters will service the valve seats on practically all standard makes of cars. They are made from the finest tool steel, hardened to give the best cutting edge possible. The wide range of these cutters, including the 15°, 75°, 45° cutters, make them particularly applicable and economical for the general garage, servicing all makes of cars.

- | | |
|---|--------|
| No. 62—45° for valve seats 1½ to 2¼ | \$2.85 |
| No. 64—45° for valve seats 1¼ to 2½ | \$3.72 |
| No. 70—15° for valve seats 1¼ to 2½ | \$3.21 |
| No. 72—75° for valve seats 1¾ to 1⅓ | \$2.37 |
| No. 76—75° for valve seats 1½ to 2 | \$2.70 |

NARROWING CUTTERS



15° CUTTERS

Type No. 1200

Size Inches	Dealer Net Price Each	Size Inches	Dealer Net Price Each
1 5/8	\$2.01	1 3/4	\$2.01
1 1/2	2.01	1 1/4	2.01
1 1/8	2.01	2	2.01

15° Cutters should be approximately $\frac{1}{8}$ " larger than the valve head



75° CUTTERS

Type No. 1240

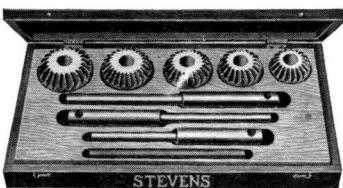
Size Inches	Dealer Net Price Each	Size Inches	Dealer Net Price Each
1 5/8	\$2.01	1 3/4	\$2.01
1 1/2	2.01	1 1/4	2.01
1 1/8	2.01	2	2.01

75° Cutters should be approximately $\frac{1}{8}$ " smaller than the valve head

SPECIAL SETS of VALVE RESEATING TOOLS

Set

No. 4



This set will take care of reseating work on all popular makes of cars. It consists of five cutters (45° angle) sizes 1½, 1¾, 1¾, 1¾ and 2"; also three Pilot Solid Type Stems, sizes $\frac{5}{16}$, $\frac{3}{8}$, $\frac{11}{32}$ ". No. 4 Set in case Dealer Net Price, \$12.87

No. 3. This set will handle approximately 95% of all cars and trucks. It comes complete in a steel case with the following—nine 45° standard cutters sizes 1¾, 1 5/8, 1 1/2, 1 1/4, 1 1/8, 1 1/4, 1 1/8, 2, 2 1/4. Six Pilot (Solid Type) sizes $\frac{5}{16}$, $\frac{3}{8}$, $\frac{11}{32}$, $\frac{3}{8}$, $\frac{11}{32}$, $\frac{1}{2}$ in. No. 3 Set in case Dealer Net, \$22.50

Set

No. 610-V



No. 610-V. This set covers practically all cars and trucks having detachable head motors. It comes complete in a steel case with the following items:

1 No. 62 Universal Valve Seat Reamer, 45 degrees, for valve seats from 1 1/4 to 2 1/4 inch diameter.

1 No. 70 Universal Valve Seat Reamer, 15 degrees, for valve seats from 1 1/4 to 2 5/8 inch diameter.

1 No. 72 Universal Valve Seat Reamer, 75 degrees, for valve seats from 1 1/8 to 1 1/8 inch diameter.

1 No. 76 Universal Valve Seat Reamer, 75 degrees, for valve seats from 1 1/2 to 2 inch diameter.

10 Pilot Stems as follows: $\frac{5}{16}$, $\frac{3}{8}$, $\frac{11}{32}$, $\frac{3}{8}$, $\frac{11}{32}$, $\frac{1}{2}$ in.

No. 610-V Set in case Dealer Net Price, \$22.80

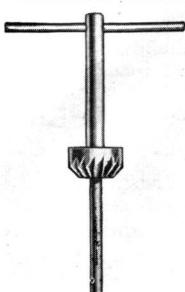
No. T-266—A most useful set for all popular cars having 45° valves. Complete in steel box with following items:

No. 64—Universal Cutter (45°) for valve seats from 1 1/4 to 2 5/8 inches.

Five Pilot Stems (solid type) $\frac{5}{16}$, $\frac{3}{8}$, $\frac{11}{32}$, $\frac{3}{8}$, $\frac{11}{32}$, $\frac{7}{16}$ in.

No. T-266 Set in case Dealer Net, \$8.67

VALVE RESEATER for Chevrolet



Complete Valve reseating tools with pilot and cross handle.

- | | |
|-------------------------------------|--------|
| No. 894 For Chevrolet 1928 | \$1.53 |
| No. 583 For Chevrolet 1929-31 | \$1.53 |



Aug.
1932

Printed
in
U.S.A.

WALDEN
WRENCHES

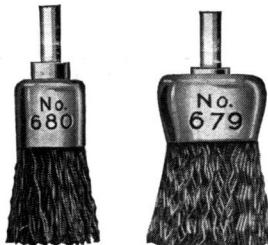
STEVENS
HOLES & BORES

HUTTO
GRINDERS

Page
35B

STEVENS WIRE BRUSHES

Carbon Cleaning Brushes



Made from Music Wire

Carbon Cleaning Brushes to quickly remove hard carbon deposits from Cylinder Heads, Piston Tops, and Valve Ports. Specially made of crimped bright MUSIC WIRE which is the toughest and stiffest wire we could find for the purpose. Cuts faster and lasts practically twice as long. Shank $\frac{1}{4}$ " for electric drill.

No. 679 Standard Carbon Brush, 1" diam. \$1.50
No. 680 Close quarter Brush, $\frac{3}{4}$ " diam. \$1.35



Carbon Brush of Tempered Steel

A high grade, solid end brush for Carbon Cleaning. Made of strong, tough, crimped, tempered black wire. Cuts fast and has an extremely long life.

No. 678 Black Wire Carbon Brush,
1" diam. \$1.15

Carbon Cleaning Set In Steel Box



This set, we believe to be the most complete assortment of wire brushes ever offered at a popular price. Complete in a rugged steel box that protects your brushes and your fingers as well.

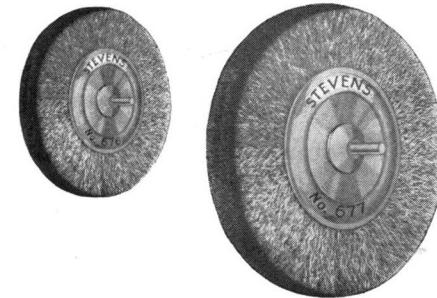
Contents—

- 3 Valve Guide Brushes, $\frac{5}{16}$, $\frac{11}{32}$, $\frac{3}{8}$ with detachable handle for hand use or with drill.
- 1 No. 678—1" Tempered Steel Carbon Brush.
- 1 No. 676—4" diam. x 1" wire wheel Brush with $\frac{1}{2}$ " diam. arbor hole and detachable hub for $\frac{1}{4}$ " drill.
- 1 No. 685 Hand brush with Scraper.

This combination is complete equipment for carbon cleaning either by hand or with a $\frac{1}{4}$ " electric drill. Ideal for everyday use in a flat rate shop.

No. 690 Set in steel box \$9.25

Wire Wheel Brushes



To remove carbon from valves, for cleaning castings or forgings, to roughen tires or tubes, to clean metal surfaces for welding, to polish scratches from aluminum bodies, for paint or rust removal.

Stevens quality toughest steel wire tightly packed. Will not break or pull out.

Used with $\frac{1}{4}$ " electric drill or bench grinder.

No. 676 4" diam. x 1" Wire Wheel Brush complete with $\frac{1}{2}$ " hole plates and hub for $\frac{1}{4}$ " drill	\$2.50
Same less hub	\$2.00
No. 677 6" diam. x 1" Wire Wheel Brush complete with $\frac{1}{2}$ " diam. hole plates and hub for $\frac{1}{4}$ " drill	\$3.50
Same less hub	\$3.00
No. 686 Hub only, $\frac{1}{4}$ " shank, fits $\frac{1}{2}$ " diam. hole in above wheels	\$.75

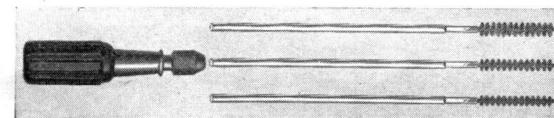
Valve Guide Brushes



An improved type of wire brush for cleaning and polishing valve guides. Bristles spirally arranged on shank for use either with $\frac{1}{4}$ " electric drill or for up and down motion with No. 689 handle. Overall length 10", brush length 2".

No. 682 $\frac{5}{16}$ " Valve Guide Brush \$1.00
No. 683 $\frac{11}{32}$ " Valve Guide Brush \$1.00
No. 684 $\frac{3}{8}$ " Valve Guide Brush \$1.00

Valve Guide Set No. 687



A handy set of Valve Guide Brushes consisting of Nos. 682— $\frac{5}{16}$ ", 683— $\frac{11}{32}$ ", 684— $\frac{3}{8}$ " together with chuck handle No. 689. This set takes care of the great majority of cars. For either hand operation or with $\frac{1}{4}$ " electric drill.

No. 687 Set \$3.00



Hand Brush with Scraper

An extremely efficient scratch brush. Tempered steel, crimped wire brush— $4\frac{1}{2}$ " x $\frac{7}{8}$ ". Wires are metal bound and will not pull out. Detachable 2" scraper on top. No need to reach for another tool—just turn it over and use the scraper. Metal handle affords a firm comfortable grip. Length overall $11\frac{1}{2}$ ".

No. 685 Hand Brush with Scraper ... \$1.50

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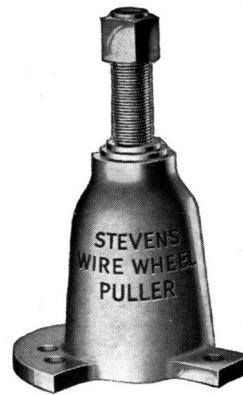
Page

35C

STEVENS WALDEN

STEVENS WIRe WHEEL PULLER

No.
666



See
Chart
Below

A sturdy puller that fits practically all of the modern and popular wire wheel cars on the market. Ingenious arrangement of holes in the flange makes it possible to take hold of three studs whether the wheel has five or six.

Bolts on with the standard rim nuts just the same as the wire wheel itself. Just remove wheel and bolt the puller in its place.

Heavy malleable iron casting with hardened jack screw and nut.

No. 666 Wire Wheel Puller,
\$10.00 Dealer Net

No. 666 Wire Wheel Puller Used on Following Cars

Car	Year	Model	Car	Year	Model
Chevrolet	'29	6 cyl.	Ford	'28	A
"	'30	6 cyl.	"	'29	A
"	'31	6 cyl.	"	'30	A
Chrysler	'31	6	"	'31	A
"	'31	66	Hupmobile	'30-'31	S
"	'31	70			
"	'31	8 cyl.	Marmon	'30	79
De Soto	'31	6 cyl.	"	'30	Big 8
"	'31	8 cyl.	"	'31	70
De Vaux	'31	6-75	Studebaker	'31	88
Dodge	'31	6 cyl.	Plymouth	'31	6 cyl.
"	'31	6 cyl.	"	'31	Dic. 8
Durant	'30		"	'31	Com. 8

STEVENS SCREW EXTRACTORS



No.	Price Each	Diameter		Length	Drill Required
		Small	Large		
1780	\$.55	.054	.117	2	5/64
1781	.60	.080	.174	2 3/8	7/64
1783	.65	1/8	1/4	2 11/16	5/32
1784	.75	5/16	11/32	3	1/4
1785	.85	3/4	7/16	3 3/8	17/64
1786	1.00	5/8	19/32	3 3/4	15/32

No. 1787 Set contains Extractors Nos. 1 to 6 inclusive, and was designed especially for garage work.

Price Complete \$4.40

INSTRUCTIONS FOR USING

Select the proper size drill for the largest Screw Extractor that can be used and drill a hole in the broken screw deep enough to secure a firm grip with the Extractor. Insert Extractor, turn to the left, with a double end wrench, same as a left hand tap would be used and the broken screw will spin out on its own threads.

Stevens Walden

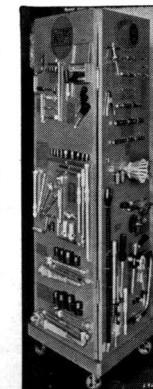
Triangular Display Board for Jobbers

A revolving display board to which has been affixed a very representative assortment of the complete line of Walden Worcester Wrenches and Stevens Tools.

Each group of tools is isolated and individually labeled showing the complete range of sizes, stock numbers and prices.

The customer can immediately select the exact type of tool required locating the stock number and the price.

Size 6 ft., 6 in. x 7 sq. ft.
No. 428 \$174.72 Dealer Net



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1932

Printed
in
U.S.A.

WALDEN
WRENCHES

STEVEN
TOOLS & BOXES

HUTTO
GRINDERS

Page

35E

APPLICATION CHART

for STEVENS TOOLS

for STEVENS REAMERS

Car	Year	Model	Con-	Hub	Axle	Piston	Valve	Valve	Water	King	Tie	Front	Rear			
			necting	Diam.	Diam.		Shock	Seat	Seat	Pump	Bolt	Rod	Spring	Spring		
			Rod				Pin	Guide								
			Arbor	T-629	Wheel											
			T-100	Wheell	Puller											
			Aligner	T-153												
Am. Austin.....	1930			T635B	T153A	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	3/4	None	5/8	3/4	
Auburn.....	1928	76	2 ¹ / ₂	T638B		.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	3/4	
".....	1928	88	2 ¹ / ₂	T638B		.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	3/4	
".....	1928	115	2 ¹ / ₂	T642B		.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	3/4	
".....	1929	6-80	2 ¹ / ₂	T638B		.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	3/4	None	5/8	3/4	
".....	1929	8-90	2 ¹ / ₂	T638B		.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	3/4	
".....	1929	120	2 ¹ / ₂	T642B		.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	3/4	
".....	1930	6-85	2 ¹ / ₂	T638B	T153D	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	3/4	None	5/8	5/8	
".....	1930	8-95	2 ¹ / ₂	T638B	T153C	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
Buick.....	1927	115	2 ¹ / ₂	T652B	T153D	.875	3/8	1 ¹ / ₂	2 ¹ / ₈	45°	1	1	None	5/8	5/8	
".....	1927	120-128	2 ¹ / ₂	T652B	T153C	.937	3/8	1 ¹ / ₂	2 ¹ / ₈	45°	1	7/8	None	5/8	5/8	
".....	1928	115	2 ¹ / ₂	T652B	T153C	.875	3/8	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1928	120-128	2 ¹ / ₂	T654B	T153D	.937	3/8	1 ¹ / ₂	2 ¹ / ₈	45°	1	1	None	5/8	5/8	
".....	1929	116	2 ¹ / ₂	T660B	T153E	.875	3/8	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1930	40	2 ¹ / ₂	T648B	T153D	.937	3/8	1 ¹ / ₂	1 ¹ / ₂	45°	1	1	None	11 ¹ / ₁₆	7/8	
Cadillac.....	1927	314	2 ¹ / ₂	T654B	T153E	.875	3/8	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1928	341	2 ¹ / ₂	T654B	T153E	.875	3/8	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1929	341B	2 ¹ / ₂	T654B	T153E	.875	3/8	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1930	V8	2 ¹ / ₂	T654B	T153E	.750	3/8	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
Chevrolet.....	1927	AA	1 ¹ / ₂	T638B	T153B	.850	5/16	1 ¹ / ₂	1 ¹ / ₂	45°	.613	47 ¹ / ₂	.565	None	9/16	9/16
".....	1928	6	2 ¹ / ₂	T638B	T153B	.850	5/16	1 ¹ / ₂	1 ¹ / ₂	45°	.613	47 ¹ / ₂	.565	None	9/16	9/16
".....	1930	6	2 ¹ / ₂	T638B	T153B	.990	5/16	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
Chrysler.....	1927	50	1 ¹ / ₂	T638B	T153B	1.000	5/16	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1927	60	1 ¹ / ₂	T638B	T153B	.750	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1927	70	2 ¹ / ₂	T638B	T153B	.812	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	1	None	5/8	5/8	
".....	1927	80	2 ¹ / ₂	T638B	T153B	1.000	3/8	1 ¹ / ₂	1 ¹ / ₂	45°	1	1	None	5/8	5/8	
".....	1928	52	1 ¹ / ₂	T638B	T153C	.750	5/8	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1928	62	1 ¹ / ₂	T638B	T153C	.812	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1928	72	2 ¹ / ₂	T638B	T153C	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1928	Imp. 80	2 ¹ / ₂	T650B	T153C	1.000	3/8	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1929	65	1 ¹ / ₂	T641B	T153C	.812	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1929	75	2 ¹ / ₂	T642B	T153C	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1929	Imp. 80	2 ¹ / ₂	T638B	T153B	1.000	3/8	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1930	66	2 ¹ / ₂	T641B	T153B	1.000	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45-45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1930	70	2 ¹ / ₂	T641B	T153B	1.000	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45-45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1930	77	2 ¹ / ₂	T641B	T153B	1.000	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45-45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1930	Imp.	2 ¹ / ₂	T650B	T153B	1.000	3/8	1 ¹ / ₂	1 ¹ / ₂	45-45°	1	15 ¹ / ₁₆	None	5/8	5/8	
Cord.....	1929			T638B	T153B	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
DeSoto.....	1929			T638B	T153B	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1930	6	1 ¹ / ₂	T638B	T153B	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
Dodge.....	1927			T639B		.812	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1928	124	1 ¹ / ₂	T636 1/2B		.812	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1928	128	1 ¹ / ₂	T636 1/2B		.812	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1928	Senior	2 ¹ / ₂	T639B		.812	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1929	Vict. 6	2 ¹ / ₂	T638B	T153C	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1929	Senior	2 ¹ / ₂	T638B	T153C	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1930	DA-6	1 ¹ / ₂	T638B	T153C	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1930	Senior 6	2 ¹ / ₂	T638B	T153C	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1930	DC 8	2 ¹ / ₂	T638B	T153C	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
Erskine.....	1927	Super 6	2 ¹ / ₂	T636B	T153C	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1928	Super 6	2 ¹ / ₂	T644B	T153C	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1929	6	2 ¹ / ₂	T644B	T153C	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1928	Super 6	1 ¹ / ₂	T641B	T153A	.875	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
Ford.....	1927	T	1 ¹ / ₂	T634D	T153A	.738	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1928	A	1 ¹ / ₂	T704	T153A	1.000	5/16-19 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1929	A	1 ¹ / ₂	T704	T153A	1.000	5/16-19 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1930	AA	1 ¹ / ₂	T704	T153A	1.000	5/16-19 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
Franklin.....	1927	11-B	2 ¹ / ₂	T644B	T153B	.750	11 ¹ / ₃₂	1 ¹ / ₂	1 ¹ / ₂	45°	1	15 ¹ / ₁₆	None	5/8	5/8	
".....	1928	12	2 ¹ / ₂	T644B	T153B	.750	11 ¹ / ₃₂	1 ¹ /<								

APPLICATION CHART

for STEVENS TOOLS

for STEVENS REAMERS

Car	Year	Model	Con-	Hub	Axle	Valve	Valve	Water	King	Tie	Front	Rear		
			necting	Diam.	Adapters	Shock	Diam.	Seat	Seat	Bolt	Rod	Spring	Shackle	
			Rod	Arbor	Type	Piston	Guide	Bushing	Diam.	Diam.	Diam.	Diam.	Diam.	
			T-629	T-100	Wheel	Pin	Diam.	Intake	Exhaust					
			Aligner	Aligner	Puller	T 153								
Marmon	1928	68	2	T642B	T153C	.34	5/16	1 3/8	45°	.804	None			
"	1928	78	2 1/8	T642B	T153C	.47/64	1 3/8	1 3/8	45°	.804	5/8	9/16	3/4	
"	1928	E-75	2 9/16			1 3/16	5/8	2 1/8	45°					
"	1929	68	2	T638B	T153C	.34	5/16	1 3/8	45°	.804	None			
"	1929	78	2 1/8	T642B	T153C	.47/64	1 3/8	1 3/8	45°	.804	None			
"	1930	69	2		T153C	.34	115/32	111/32	15-45°					
"	1930	79	2 3/8		T153D	.34	111/32	111/32	31-33°					
"	1930	Big 8	2 3/8		T153E	.7/8	111/32	1 9/16	33-31°					
Marquette	1930			T644B	T153D	13/16	5/8	1 3/8	45-45°					
Nash	1928	Std. 6	1 1/8	T638B		15/16	5/16	1 1/2	45°	55/64	5/8	5/8	3/4	
"	1928	Spec. 6	2 1/8	T648B		7/8	5/16	1 5/8	45°	55/64	5/8	5/8	3/4	
"	1928	Adv. 6	2 1/4	T648B		15/16	5/16	1 7/8	45°	55/64	5/8	5/8	3/4	
"	1929	Std. 6	1 1/8	T638B		13/16	5/16	1 1/2	45°	55/64	5/8	5/8	3/4	
"	1929	Spec. 6	2 1/8	T648B		7/8	5/16	1 5/8	45°	55/64	5/8	5/8	3/4	
"	1929	Adv. 6	2 1/4	T648B		15/16	5/8	1 7/8	45°	55/64	5/8	5/8	3/4	
"	1930	Single 6	1 1/4	T638B	T153C	13/16	5/16	117/32	45-45°					
"	1930	Twn.	Ign. 6	2 1/8	T648B	T153C	7/8	5/8	121/32	45-45°				
"	1930	Twn.	Ign. 8	2 1/2	T648B	T153C	7/8	5/8	123/32	45-45°				
Oakland	1927	6	1 1/8	T645B		.920	5/16	1 1/2	45°	7/8	9/16	5/8	3/4	
"	1928	AA-6	2 1/4	T645B		1 1/16	5/16	1 5/8	45°	1	7/8	5/8	3/4	
"	1929	AA-6	2 1/4	T635B	T153C	1 1/16	5/16	1 5/8	45°	1	7/8	5/8	3/4	
Oldsmobile	1927	30-E	1 1/8	T640B		.55/64	11/32	1 1/2	45°	.861	None	5/8	3/4	
"	1928	6	1 1/8	T644B	T153D	.55/64	1 3/8	1 3/8	45°	.861	None	5/8	3/4	
"	1929	F-29	1 1/8	T644B	T153D	.850	5/16	1 7/8	45°	.861	None	5/8	3/4	
Packard	1927	8	2 3/16	T645B	T153D	.7/8	11/32	1 3/4	45°	1	1.127	None	3/4	
"	1928	526-533	2 3/16	T645B	T153D	.7/8	11/32	1 3/4	45°	1	1.127	None	3/4	
"	1928	443	2 3/16	T645B	T153D	.7/8	11/32	1 3/4	45°	1	1.127	None	3/4	
"	1929	626-633	2 3/16	T645B	T153D	.7/8	11/32	1 3/4	45°	1	1.127	None	3/4	
"	1929	640-645	2 3/16	T645B	T153D	.7/8	11/32	1 3/4	45°	1	1.127	None	3/4	
"	1930	726	2 3/16	T634B	T153D	.7/8	11/32	1 3/4	45°	1	1.127	None	3/4	
"	1930	733	2 3/16	T634B	T153D	.7/8	11/32	1 3/4	45°	1	1.127	None	3/4	
"	1930	740	2 3/16	T645B	T153D	.7/8	11/32	1 3/4	45°	1	1.127	None	3/4	
"	1930	745	2 3/16	T645B	T153D	.7/8	11/32	1 3/4	45°	1	1.127	None	3/4	
Peerless	1928	6-60	1 1/8	T638B	T153C	.55/64	11/32	1 1/2	45°	3/4	None	3/4	3/4	
"	1928	6-80	2 1/8	T641B	T153D	.55/64	5/8	1 3/4	45°	7/8	None	3/4	3/4	
"	1928	6-90	2 1/8	T645B	T153D	1	5/8	1 7/8	60°	15/16	None	3/4	3/4	
"	1928	8-69	2 1/8	T645B	T153D	7/8	5/8	1 7/8	45°	7/8	None	3/4	3/4	
"	1929	6-61	1 1/8	T638B	T153C	.55/64	11/32	1 1/2	45°	3/4	None	3/4	3/4	
"	1929	6-81	2 1/8	T641B	T153D	.55/64	5/8	1 1/2	45°	3/4	None	3/4	3/4	
"	1929	6-91	2 1/8	T645B	T153D	1 1/8	5/8	1 7/8	45°	15/16	None	3/4	3/4	
"	1929	Std. 8	2 1/4			.859	5/8	1 5/8	45°	3/4	None	3/4	3/4	
"	1930	Std. 8	2 1/4	T642B	T153C	1 1/16	5/8	1 1/2	45°	3/4	None	3/4	3/4	
"	1930	Mstr. 8	2 1/4	T642B	T153D	.55/64	5/8	1 5/8	30-45°	3/4	None	3/4	3/4	
"	1930	Cust. 8	2 1/4	T642B	T153E	.55/64	5/8	1 5/8	30-45°	3/4	None	3/4	3/4	
Pierce Arrow	1928	S1		T648B		1,000	5/8	1 3/4	45°	1.127	None	3/4	3/4	
"	1928	36	2 1/4	T652B		1 1/16	13/32	1 1/2	45°	1.127	None	3/4	3/4	
"	1929	133-143	2 1/4	T652B		15/16	5/8	1 5/8	45°	1.127	None	3/4	3/4	
"	1930	A	2 1/4	T652B	T153D	15/16	5/8	1 5/8	45-45°	1	None	3/4	3/4	
"	1930	B	2 1/4	T652B	T153D	15/16	5/8	1 5/8	45-45°	1	None	3/4	3/4	
"	1930	C	2 1/4	T652B	T153D	15/16	5/8	1 5/8	45-45°	1	None	3/4	3/4	
Plymouth	1929		1 1/8	T638B	T153B	.34	5/8	1 5/8	45°	3/4	9/16	5/8	3/4	
"	1930		2	T638B	T153B	.34	5/8	1 5/8	45°	3/4	9/16	5/8	3/4	
Pontiac	1927	6	2	T638B		1 1/16	5/16	1 3/8	45°	9/16	11/16	9/16	9/16	
"	1928	6	2	T638B		1 1/16	5/16	1 3/8	45°	9/16	11/16	9/16	9/16	
"	1929	6	2	T645B		1 1/16	5/16	1 3/8	45°	9/16	11/16	9/16	9/16	
"	1930	6	2	T645B	T153C	.65/64	11/32	1 7/8	45°	.726	None	5/8	7/8	
Reo	1927	A	2 1/16	T642B	T153D	.65/64	11/32	1 1/2	45°	.806	None	5/8	7/8	
"	1928	Wolver.	1 1/8	T641B	T153D	.65/64	11/32	1 1/2	45°	.806	None	5/8	7/8	
"	1928	Fly'g Cloud	2 1/16	T642B	T153D	.65/64	11/32	1 7/8	45°	.806	None	5/8	7/8	
"	1929	TheMate	1 1/8	T641B	T153D	.65/64	11/32	1 1/2	45°	.806	None	5/8	7/8	
"	1929	The	Master	2 1/16	T642B	T153D	.65/64	11/32	1 7/8	45°	.804	None	5/8	7/8
"	1930	15	2 1/16	T641B	T153D	.858	11/32	1 9/16	45-45°			3/4	3/4	
"	1930	20	2 1/16	T642B	T153D	.983	11/32	1 13/16	45-45°			3/4	3/4	
"	1930	25	2 1/16	T642B	T153D	.983	11/32	1 13/16	45-45°			3/4	3/4	
Studebaker	1928	Dict.	2	T644B	T153D	.7/8	5/16	1 5/8	45°	1	None	3/4	3/4	
"	1928	Comd.	2 5/16	T644B	T153D	1,000	5/8	2	45°	1	None	3/4	3/4	
"	1928	Pres. 8	2 1/4	T644B	T153D	15/16	5/8	1 5/8	45°	1	None	3/4	3/4	
"	1929	Dict.	2	T644B	T153D	7/8	5/16	1 5/8	45°	1	None	3/4	3/4	
"	1929	Com. 6	2	T644B	T153D	7/8	5/16	1 5/8	45°	1	None	3/4	3/4	
"	1929	Com. 8	1 7/8	T644B	T153D	7/8	5/16	1 5/8	45°	1	None	3/4	3/4	
"	1929	Pres. 8	1 7/8	T644B	T153D	14/16	5/8	1 5/8	45°	1	None	3/4	3/4	
"	1930	Dict. 6	2 1/8	T644B	T153D	7/8	5/16	1 5/8	45-45°	13/16	None	3/4	3/4	
"	1930	Dict. 8	1 7/8	T644B	T153D	7/8	5/16	1 5/8	45-45°	13/16	None	3/4	3/4	
"	1930	Com. 6	2 1/8	T644B	T153D	7/8	5/16	1 5/8	45-45°	13/16	None	3/4	3/4	
"	1930	Com. 8	1 7/8	T644B	T153D	7/8	5/16	1 5/8	45-45°	13/16	None	3/4	3/4	
"	1930	Pres.F.H.	2 1/4	T644B	T153D	15/16	5/8	1 5/8	45-45°	13/16	None	3/4	3/4	
"	1930	Pres.F.E.	2 1/4	T644B	T153D	15/16	5/8	1 5/8	45-45°	13/16	None	3/4	3/4	
Stutz	1928	BB	2 3/8	T639B	T153C	.7/8	5/16	1 5/8	45-45°	1	None	3/4	3/4	
"	1929	M	2 3/8			.7/8	5/16	1 5/8	45-45°	1	None	3/4	3/4	
"	1930	MA-MB	2 3/8	T645B	T153C	.7/8	5/16	1 21/32	45-45°	.984	None	3/4	3/4	
Viking	1930	Whippet	2	T644B	T153D	.855	5/16	1 15/32	30-30°	.984	None	3/4	3/4	
"	1927	4	1 1/8			47/64	5/16	1 1/2	45°	9/16	7/16	9/16	9/16	
"	1927	6	1 1/8			47/64	5/16	1 1/2	45°	9/16	7/16	9/16	9/16	
"	1928	4	1 1/8	T640B	T153C	47/64	11/32	1 5/8	45°	3/4	None	9/16	9/16	
"	1928	6	1 1/8	T640B	T153C	47/64	11/32	1 5/8	45°	3/4	None	9/16	9/16	
"	1929	96-A	1 1/8	T640B	T153C	47/64	11/32	1 5/8	45°	3/4	None	9/16	9/16	
"	1929	98-A	1 1/8	T640B	T153C	51/64	11/32	1 5/8	45°	3/4	None	9/16	9/16	
"	1930	96-A	1 1/8	T640B	T153C	51/64	11/32							